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GENERAL POSTGRADUATE SCHOOL
MONTEREY, CALIF. 93940

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ATTITUDINAL EFFECTS OF A MILITARY ORIENTATION

CONFERENCE ON COMMUNITY LEADERS

BY

DALE KENDALL PATTERSON

A thesis submitted in partial fulfillment of the
requirements for the degree of

MASTER OF ARTS

(Journalism)

at the

UNIVERSITY OF WISCONSIN

1971

Thesis
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THE EFFECTS OF A RAILROAD ON THE

COMMUNITY OF THE

BY

JOHN R. HARRIS

A THESIS SUBMITTED TO THE FACULTY OF THE

UNIVERSITY OF CHICAGO

IN CANDIDACY FOR THE

DEGREE OF DOCTOR OF PHILOSOPHY

1911

UNIVERSITY OF CHICAGO

1911

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Enclosure

To the Honorable

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DEDICATION

To Pat and Flip

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ACKNOWLEDGEMENTS

I gratefully acknowledge the opportunity afforded me by the United States Navy to pursue a program of post-graduate education.

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CHAPTER I

INTRODUCTION

The conduct of and extent of U. S. military public relations in recent years has become subject to increased comment in the public media. Robert Manning, writing in The Atlantic Monthly early in 1970, said: "Senator William Fulbright and his investigators have been asking the right questions and demanding honest answers from the Pentagon. After weeks of persisting, they came up with the calculation that the Pentagon is spending at least \$28 million a year on public relations and the promoting of the armed forces." Manning adds, "A lot of those millions . . . are spent for the questionable purpose of persuading us to allocate billions more for the military machinery."¹

John Kenneth Galbraith has written a book entitled How to Control the Military. In its opening pages he states: "The problem of the military power is not unique; it is merely a rather formidable example of the tendency of organization, in an age of organization, to develop a life

¹Robert Manning, The Atlantic Monthly, Vol. 225, No. 2 (February 1970), p. 3.

CHAPTER I

INTRODUCTION

The concept of an "allied public relations" in general terms has been subject to considerable comment in the public relations research community, with the term "allied public relations" being used by 1970. While "allied public relations" and its derivatives have been used in the past, questions and comments have been raised from the past. After years of questioning, they came up with the statement that the program is actually a part of the public relations of public relations and the functioning of the public relations. "A lot of these things . . . are known for the general public of public relations as to public relations and for the military community." The research community has written a book entitled "The Allied Public Relations" in its opening pages. It states: "The problem of the allied public relations is not unique; it is merely a rather technical aspect of the functioning of organization. In an age of organization, to develop a life

¹Research meeting, The Atlantic Monthly, Vol. 122, No. 1 (January 1971), p. 1.

and purpose and truth of its own."²

Following his investigation of military spending for public relations, Senator Fulbright also wrote a book, The Pentagon Propaganda Machine. In criticizing the military services' public relations programs, he wrote:

Each service has its own civilian tour program, but the most prestigious is the Joint Civilian Orientation Conference--an eight day tour for seventy civilians run by the Office of the Secretary of Defense . . . "Defense dollars"--or better, "taxpayers' dollars"--are lavished on these trips with the expensive might of the military machine put on full-dress display for the civilian visitors. . . .³

Senator William Proxmire, another outspoken critic of Pentagon spending, issued a press release in March 1970 in which he called upon the Defense Department to "stop the practice of providing free flights to influential citizens to major military installations for briefing and propaganda purposes."⁴ While no reference was made specifically to the Joint Civilian Orientation Conference (JCOC), the implication seemed clear that it was the type of activity to which Proxmire referred.

The JCOC is not a new program. It has been a part of the Defense Department from the beginnings of the

²John Kenneth Galbraith, How to Control the Military (New York, 1969), p. 16.

³J. William Fulbright, The Pentagon Propaganda Machine (New York, 1970), pp. 34-35.

⁴Press Release, Office of Senator William Proxmire, March 22, 1970.

and purpose was that of its own.¹

Following the termination of military spending

for public relations, however, the latter also serves a basic

The National Security Council. It is intended that

military activities, public relations programs, the latter

Each section has its own special code program. The
the next program is the Joint Civilian Information
Conference--in this way each the various divisions can
by the Office of the Secretary of Defense . . .
"Defense Office" or "Defense" "Programs" "Office"
the division is then able to the various right of
the military activities and the various display the
specialized divisions . . .

However, while the various, special programs will

of various agencies, having a good understanding of their
in order to bring upon the various programs to their
purpose of providing the public an independent opinion
to make military information for training and propaganda
purposes.² While no reference was made specifically to

the Joint Civilian Information Conference (JCIC), the

organization issued that this is the type of activity

to which programs referred.

The JCIC is not a new program. It has been a part

of the Defense Department from the beginning of the

¹John R. Lewis, "Defense, How to Control the
Military from Now, 1957, p. 18.

²John R. Lewis, "Defense, How to Control the
Military from Now, 1957, p. 18.

³John R. Lewis, "Defense, How to Control the
Military from Now, 1957, p. 18.

organization's life. To understand and evaluate its role and/or utility, one must first look at the fundamentals of the practice of public relations by the military.

Clearly, the military does have a responsibility in the public relations arena. As Cutlip and Center point out:

For their common defense, the people of the United States support a large and expensive military establishment. The armed forces make a heavy drain on the nation's wealth, manpower, and natural resources. Support of this costly military machine will require sacrifices on the part of the American people for the foreseeable future. People must be convinced of the need for paying taxes and having sons drafted. They must have confidence in the spenders and the commanders. It is mandatory, therefore, that the armed forces create public understanding of their mission.
(Emphasis theirs.)⁵

Cutlip and Center note that the essential part of good community relations by the military is in being "a part of instead of apart from the community." (Emphasis theirs.)⁶ While this specific reference is concerned with the military base and the relations of the military personnel assigned to that base with the civilian community in which they reside, it also has a broader application. From a national perspective, it is no less important for the military to be a part of the "community."

⁵ Scott M. Cutlip and Allen H. Center, Effective Public Relations (3d ed. rev.; Englewood Cliffs, N. J., 1964), p. 426.

⁶ Ibid., p. 440.

organization's life. It is understood and accepted that the
 major activity of the organization is the maintenance of
 the position of public relations by the military.
 Clearly, the military does have a responsibility in
 the public relations arena. In public and social policy

and

For this reason, however, the people of the United
 States expect a large and responsible military leadership
 role. The armed forces are a major factor in the
 nation's security, and the military leadership
 must be able to make wise decisions with regard
 to the use of the armed forces. The people of the
 United States expect the military leadership to be
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 forces. The people of the United States expect the
 military leadership to be able to make wise decisions
 with regard to the use of the armed forces.

While not aware that the military has a
 good command position in the military is in being a
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 military. It is the military. It is the military.

Robert A. Gault and John A. Gault, Editors
 Public Relations for the 21st Century, 1991, p. 121.

Public Relations for the 21st Century, 1991, p. 121.

Viewed as a community relations program, then, the JCOC is an attempt to increase understanding of the defense program of the United States. Its intent is that selected civilian leaders will obtain a comprehensive view of the organization and the missions of the Army, Navy, Marine Corps, and Air Force.⁷

"The first step in community relations is to tag the decision makers," according to Cutlip and Center. "Persuasion of these key individuals usually facilitates persuasion of their followers."⁸ In this respect, JCOC represents for the military services an effort to enhance community relations on a national level.

An obvious question arises: Is the JCOC an effective program? The purpose of this study is to attempt to answer that question.

⁷U. S. Navy Office of Information, U. S. Navy Public Affairs Regulations (Rev. 12-65, Washington, D. C., 1965), p. 159.

⁸Cutlip and Center, *op. cit.*, p. 253.

viewed as a community volunteer group, the
 1960 is an attempt to provide information of the
 people of the United States. The focus is on national
 civilian leaders with a representative view of the
 organization and the mission of the Army, Navy, Marine
 Corps, and Air Force.¹

"The first step in community relations is to lay
 the foundation which, according to David M. Garrow,
 "formation of some very individual family traditions
 patterns of their behavior."² In this report, the
 responsibility for the activity is placed on the
 community relations as a national level.

An obvious question arises as to how an effective
 can be provided. The purpose of this study is to attempt to
 answer that question.

¹U. S. Army Office of Information, O. I. 1967
 Public Affairs Division (O. I. 1967), Washington, D. C.,
 1967, p. 197.

²David M. Garrow, O. I. 1967, p. 197.

CHAPTER II

RESEARCH PROBLEM

Background

The office of the Secretary of Defense (OSD), in August 1948, initiated a program of orientation for selected civilian leaders, the Joint Civilian Orientation Conference (JCOC). The intent of the conference was to "provide top-flight civilian leaders with comprehensive instruction dealing with the coordination and integration of foreign and military policy and with the involvement of the legislative and executive branches of the Government in national defense."¹ By the time JCOC No. 40 was conducted in April 1970, the objectives of the conference were stated as:

a. To provide the Secretary of Defense with a means of exchanging information on defense matters with leading representatives of the educational, business, labor, religious, professional, and industrial communities of the United States.

b. To create within this group an awareness and understanding of the mission of the Department of Defense and the programs and policies related to the discharge of this mission.

¹Outline of a Joint Course for Selected Civilians. Office of Program Analysis, Munitions Board, U. S. Department of Defense, August 16, 1948, p. 1.

CHAPTER II

GENERAL PRINCIPLES

Introduction

The Office of the Secretary of Defense (OSD), in

August 1944, initiated a program of research for

selected civilian industries. The Joint Civilian Industries

Committee (JCIC), the intent of the committee was to

provide a program of civilian industries with information

in connection with the production and distribution

of foreign and military goods and with the movement of

the population and resources of the country.

As a result of this, in the year 1944, it was

concluded that the objectives of the committee

were as follows:

1. To provide the Secretary of Defense with a means
of obtaining information on civilian industries with
leading representatives of the agricultural, business,
labor, religious, governmental, and industrial community
of the United States.

2. To extend within this group to personnel and
management of the civilian of the Department of
Defense and the program and policies related to the
activities of this mission.

1. Office of a Joint Committee for Civilian Industries,
Office of Program Analysis, Executive Order of the Secretary
of Defense, August 19, 1944, p. 1.

c. To acquaint this group with the strength and readiness posture of the U. S. Armed Forces through personal observation.²

Establishment of the JCOC was based on the assumption that such an experience would acquaint the participants with military problems through personal observation and mutual discussion with military and national leaders, and it was hoped that the participants would return to their respective communities favorably disposed toward the defense establishment. However, in the 22 years that the JCOCs have been conducted as one of the two primary public relations efforts by the Department of Defense (the other being Armed Forces Day), there has not been any research effort to evaluate the results of the program.

Previous Work

There has been a plethora of studies in the area of attitudinal effects of special programs and institutions; well known summaries are those of Joseph T. Klapper and Carl I. Hovland.³ Such studies are by no means confined to communication effects, and they often fail to show positive

²Policy Memorandum, Assistant Secretary of Defense for Public Affairs, U. S. Department of Defense, November 25, 1969, p. 1.

³Joseph T. Klapper, The Effects of Mass Communication (New York, 1960); Carl I. Hovland, "Effects of the Mass Media of Communication," in Gardner Lindzey, Handbook of Social Psychology, Vol. II (Cambridge, Mass., 1954), pp. 1062-1103.

U. S. Department of State
Washington, D. C. 20520
October 12, 1957

Enclosed for the U.S. Department of State are two copies of a report on the activities of the U.S. Department of State in the field of human rights. The report was prepared by the U.S. Department of State in cooperation with the U.S. Commission on Human Rights. The report contains information on the activities of the U.S. Department of State in the field of human rights, and is being submitted to the U.S. Commission on Human Rights for its consideration. The report also contains information on the activities of the U.S. Department of State in the field of human rights, and is being submitted to the U.S. Commission on Human Rights for its consideration. The report also contains information on the activities of the U.S. Department of State in the field of human rights, and is being submitted to the U.S. Commission on Human Rights for its consideration.

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Very respectfully,
John A. Hoffert, Jr.,
Assistant Secretary of State,
U.S. Department of State, Washington, D.C.

Enclosed for the U.S. Commission on Human Rights are two copies of a report on the activities of the U.S. Department of State in the field of human rights. The report was prepared by the U.S. Department of State in cooperation with the U.S. Commission on Human Rights. The report contains information on the activities of the U.S. Department of State in the field of human rights, and is being submitted to the U.S. Commission on Human Rights for its consideration. The report also contains information on the activities of the U.S. Department of State in the field of human rights, and is being submitted to the U.S. Commission on Human Rights for its consideration. The report also contains information on the activities of the U.S. Department of State in the field of human rights, and is being submitted to the U.S. Commission on Human Rights for its consideration.

effects of communication programs. While not specifically applicable to this research effort, these studies in the general area of attitude change were valuable to this researcher in formulating the study.

In an analysis of the persistence of attitudes, Rochester found that statistical comparisons of ". . . the 1967 findings with the 1964 test results indicated that the . . . attitudes present two years after the end of the institute were comparable to those attitudes present at the start of the institute, 1964."⁴ And, although the JCOC is not an information program analogous to the Cincinnati campaign⁵ or the California gubernatorial candidate's telethon,⁶ there does seem to be present some of the same characteristics as in those studies, which found no appreciable effect of the communication effort. The Defense Department certainly expects a positive change or a reinforcement of attitudes among the JCOC participants. But, Hyman and Sheatsley concluded that information is not

⁴Deen E. Rochester, "Persistence of Attitudes and Values of NDEA Students - Two Years Post Institute," Counselor Education and Supervision, 9:205-207 (Spring 1970).

⁵Shirley A. Star and Helen MacGill Hughes, "A Report on an Educational Campaign: The Cincinnati Plan for the United Nations," American Journal of Sociology, 55:389-400 (1950).

⁶Wilbur Schramm and Richard F. Carter, "Effectiveness of a Political Telethon," Public Opinion Quarterly, 23:121-126 (1959).

studies of communication programs. While not necessarily
applicable to this research, it is worth noting that the
general area of studies on communication programs in the
community is becoming more active.

In an analysis of the literature in this area,
Henderson found that educational programs of the
1960s tended to be more active in the community than the
1950s. A review of the literature in this area of the
1960s was conducted by Henderson and his colleagues in the
field of the literature in this area. Henderson and his
colleagues found that the literature in this area of the
1960s was more active in the community than the
1950s. Henderson and his colleagues found that the
literature in this area of the 1960s was more active in
the community than the 1950s. Henderson and his colleagues
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his colleagues found that the literature in this area of the
1960s was more active in the community than the 1950s.

¹John E. Henderson, "Participation of Patients and
Families of Mental Patients - The Case of the
Community Hospital for the Mentally Ill," (1967).

²Richard A. White and John W. Miller, "The
Impact of the Community Hospital for the Mentally
Ill on the Community," (1967).

³John E. Henderson and Richard A. White, "The
Impact of the Community Hospital for the Mentally
Ill on the Community," (1967).

a preponderant factor in changing attitudes in a predictable direction.⁷ Further, Berelson, Lazarsfeld, and McPhee in their election study suggest a curvilinear relationship, in that the more knowledgeable voter is firmer in his opinion and predisposed to vote a certain way; yet the direction of his predilection cannot be predicted from his level of information.⁸ There is also experimental evidence that "the more one learns, the greater the magnitude of the attitude change will be--in either direction."⁹ Smith, Bruner, and White posit that some opinions are so deeply rooted in the holder's personality that they are practically impossible to change.¹⁰ And others suggest that any attitude change first requires a "predisposition to change."¹¹ Recently, however, Douglas, et al., in a study conducted in two Wisconsin communities, found a "positive

⁷ Herbert H. Hyman and Paul B. Sheatsley, "Some Reasons Why Information Campaigns Fail," Public Opinion Quarterly, 11:412-423 (1947).

⁸ Bernard B. Berelson, Paul F. Lazarsfeld and William N. McPhee, Voting: A Study of Opinion Formation in a Presidential Campaign (Chicago, 1954).

⁹ Bradley S. Greenberg, "On Relating Attitude Change and Information Gain," Journal of Communication, 14:157-171 (1964).

¹⁰ M. Brewster Smith, Jerome S. Bruner and Robert W. White, Opinions and Personality (New York, 1956).

¹¹ Joseph T. Klapper, "The Social Effects of Mass Communication," in Wilbur Schramm (ed.), The Science of Human Communication (New York, 1963), pp. 69-70.

a paragraph which is strongly reminiscent of a paragraph
 and a discussion.⁷ Further, however, the paragraph and the
 in their original state suggest a historical relationship.
 in fact the two paragraphs are in fact in the
 opinion and paragraph to form a single unit, and the
 character of the relationship cannot be predicted from the
 level of abstraction.⁸ There is also a significant difference
 that the two are in fact, the question the question of the
 attitude change will be in a single direction.⁹ When
 further, and while both the two opinions are in fact
 rooted in the holder's personality that they are in fact
 self-referential in nature.¹⁰ And while we may say that the
 attitude change will involve a "reorganization" in
 nature,¹¹ however, however, however, it is a single
 contained in the domain of the domain, from a "positive"

⁷ Herbert A. Simon and Paul A. Hirschman, "The
 Structure of Information Systems," *Journal of the
 American Statistical Association*, 1959, 54, 1-17.

⁸ Herbert A. Simon and Paul A. Hirschman, "The
 Structure of Information Systems," *Journal of the
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 Structure of Information Systems," *Journal of the
 American Statistical Association*, 1959, 54, 1-17.

¹¹ Herbert A. Simon and Paul A. Hirschman, "The
 Structure of Information Systems," *Journal of the
 American Statistical Association*, 1959, 54, 1-17.

correlation between information gain and attitude" on the topic of mental retardation.¹²

While there has been very little research conducted with respect to U. S. Defense Department programs, there was a study in 1966 of the Navy Guest Cruise Program (which served as the inspiration for JCOC) by Claude E. Mounce at Boston University.¹³ His findings, however, are limited by two factors. First, there was no control or comparison group in his study. And, second, his measurement was restricted to "after only" scores since the "before" measure utilized was retrospective, i.e., "What do you think your attitude was before the cruise?" In all, then, this study has been conducted in a near-vacuum, so far as any empirical literature is concerned.

Research Hypotheses

The general research hypothesis is that from before to after JCOC the participants become more favorably disposed toward the military. This should be manifested in corresponding changes in knowledge, attitudes, opinion, and

¹²Dorothy F. Douglas, Bruce H. Westley and Steven H. Chaffee, "An Information Campaign That Changed Community Attitudes," Journalism Quarterly, Vol. 47, No. 3, pp. 479-487+.

¹³Claude E. Mounce, "An Analysis of the Secretary of the Navy Guest Cruise Program" (Unpublished Master's thesis, School of Public Communication, Division of Public Relations, Boston University, 1966).

correlation between education and earnings" on the
topic of social stratification.¹²

While there has been very little research conducted
with respect to U. S. Higher Education programs, there
was a study in 1965 of the Army General Studies Program (AGSP)
conducted by the Institute for Social Studies (ISS) at Boston
College.¹³ The findings, however, are limited by
two factors. First, there was no control or comparison
group in the study. And second, the measurement was
restricted to "short-term" career since the "long-term"
measure utilized was retrospective, i.e., "What do you
think your attitude was before the incident?" In all, then,
this study has been conducted in a post-hoc manner, and as
any logical inference is precluded.

Research Limitations

The general research hypothesis is that the degree
to which AGSP the participants would have been
disposed toward the military. This study is conducted in
corresponding manner to knowledge, attitude, opinion, and

¹² Robert T. Hoxby, "The Effect of Education on Earnings and
Social Stratification," *The American Economic Review*, Vol. 57, No. 2,
pp. 419-431.

¹³ Charles W. Hoxby, "The Effect of the Army
General Studies Program," *The American Economic Review*,
Vol. 57, No. 2, pp. 419-431.

overt behavior. While the literature reviewed does not point unequivocally to positive predictions, all of the hypotheses are phrased in positive terms for purposes of testing:

1. Information Gain. The extent of knowledge about the military services possessed by the participants will increase from before to after the conference.

2. Attitude and Opinion Change. Attitudes and opinions toward the military services held by the participants will change in a favorable direction from before to after the conference.

3. Behavior Change. The number of speeches by the participants on military subjects will increase from before to after the conference.

4. Gains in information (H1) will be associated with correlative improvements in attitudes and opinions (H2).

5. Improvements in attitudes and opinions (H2) will be associated with correlative favorable behavior change (H3).

6. Gains in information (H1) will be associated with correlative favorable behavior change (H3).

In order to test these hypotheses, it was necessary to obtain a set of data before the conference and a comparable set of data after the conference, and to establish a "control" group.

great interest. While the literature reviewed does not
point unambiguously to positive results, all of the
hypotheses are stated as positive terms for purposes of
testing.

1. Information. The state of knowledge about
the military activities possessed by the participants will
increase from before to after the experience.

2. Attitudes and Social Change. Attitudes and
opinions toward the military services held by the partici-
pants will change in a favorable direction from before to
after the experience.

3. Behavior Change. The number of questions of the
participants on military subjects will increase from before
to after the experience.

4. Data in Information (MI) will be associated
with knowledge; knowledge in attitudes and opinions
(AO).

5. Improvements in attitudes and opinions (AO) will
be associated with knowledge (MI) in a positive manner
(MI).

6. Data in Information (MI) will be associated
with knowledge (MI) in a positive manner (MI).
In order to test these hypotheses, it was necessary
to obtain a set of data before the experience and a second
set of data after the experience, and to measure a

CHAPTER III

METHODS AND PROCEDURES

The invitation list for JCOC 40 was compiled in the Directorate for Community Relations of the Office of the Assistant Secretary of Defense (Public Affairs) in the Pentagon in March 1970. The list, comprised of 187 names, was made available by OASD(PA) to this researcher March 27.

Design

This study uses a "pretest-posttest control group design."¹ However, the "control" group is non-random and, therefore, is actually a "comparison" group: those persons invited to JCOC, but who declined, compose the comparison group. Thus, self-selection is a primary threat to validity.² Another key threat to validity in "before-after" study is "sensitization."³ In an effort to minimize

¹N. L. Gage (ed.), Handbook of Research on Teaching (Chicago, 1963), see Chapter V for discussion of quasi-experimental designs, by Donald T. Campbell and Julian C. Stanley.

²Ibid.

³Steven H. Chaffee and Jack M. McLeod, "Sensitization in Panel Design: A Coorientation Experiment," Journalism Quarterly, Vol. 45, No. 4, pp. 661-669.

sensitization no warning was given, at the time the first questionnaire was mailed, that a follow-up questionnaire would be forthcoming. And the time interval was set at six months to enhance the "resurgence of old attitudes."⁴

Sample

A census survey of the 187 persons invited to attend JCOC was conducted by means of a self-administered questionnaire, mostly involving fixed-alternative items, mailed April 6, 1970 (see Appendix A). Accompanying the questionnaire was a letter encouraging replies and promising anonymity (see Appendix B). A postcard followed the questionnaire in the mail a week later, again encouraging response (see Appendix C). The questionnaire required about 10 minutes to complete. There was no prior notification about the study to the respondents by any Defense Department or military official, to preclude any possibility that the respondents would link the researcher with such agencies.

The before-test response rate was 86 per cent for the participant-group and 63 per cent for the comparison group. Thus, the preliminary N for this study was established at 130: 46 in the JCOC participant group and 82

⁴R. Barry Farrell (ed.), Approaches to Comparative and International Politics (Evanston, 1966), p. 25.

in the comparison group.

JCOC 40

The conference was held April 19-28, 1970. It convened at 1:00 p.m. at the Hotel Del Coronado, Coronado, California, April 19, with Department of Defense and U. S. Pacific Command briefings.

Units of the U. S. First Fleet in the Pacific were visited by the conferees on April 20. Subsequently the itinerary included visits to the First Aerospace Division (Strategic Air Command), Vandenberg Air Force Base, California, April 21; the North American Air Defense Command, Colorado Springs, April 22; U. S. Army III Corps, Fort Hood, Texas, April 23 and 24; the 2d Marine Division, U. S. Marine Corps, Camp Lejeune, North Carolina, April 25 and 26; the U. S. Strike Command, Pope Air Force Base, North Carolina, April 27. The final day of the conference, April 28, was spent in the Pentagon, where the conferees were briefed and held discussions with various Defense Department officials including Secretary of Defense Melvin R. Laird.

A second questionnaire was mailed on October 6, 1970, to those persons who responded to the first one (see Appendixes D, E, and F). The response rate on this second wave was 77 per cent for the participant group and 60 per cent for the comparison group. Thus, final Ns were 37 and 49, respectively. Demographic data comparing the two

groups are shown in Tables I, II, and III. There are no appreciable differences by age (Table I). For occupation (Table II) and education (Table III), there are some interesting patterns. For example, 19 per cent of the JCOC group were lawyers and 14 per cent were proprietors or owners of a business. Corresponding percentages in the non-JCOC group total only about one-fourth as large. This could well be accounted for by the fact that those persons who are "in business for themselves" such as attorneys and proprietors are freer to participate in such a lengthy conference than are employed professionals such as teachers, engineers, and accountants. The data relative to educators tend to support this in that 29 per cent of the non-JCOC group were teachers, professors, or college administrators compared to only 8 per cent of the JCOC group. (These differences could also reflect differential attitudes toward the military, between commercial and academic sub-cultures.)

These occupational constraints probably explain the differences in education shown in Table III. Those with postgraduate training (e.g., lawyers) are more likely to hold flexible-schedule jobs than those with four year degrees or less.

This researcher was unable to obtain reliable data regarding the non-JCOC group as to the position or job title the respondents held. Data of this nature were

[illegible]

TABLE I
COMPARISON OF THE TWO GROUPS, BY AGE

Age	JCOC	Non-JCOC
30-39	11%	14%
40-49	43	37
50-59	30	35
60 and over	16	14
	100%	100%
	(N=37)	(N=49)

TABLE II
COMPARISON OF THE TWO GROUPS, BY OCCUPATION

Occupation	JCOC	Non-JCOC
Business proprietor, manager	56%	47%
Lawyer (includes judge)	19	2
Journalist	14	12
Educator (includes teacher, adminis- trator)	8	29
Other: accountant, engineer, clergyman	3	10
	100%	100%
	(N=37)	(N=49)

TABLE 11

COMPARISON OF THE TWO GROUPS, BY OCCUPATION

OCCUPATION	1950	1960
Business professions, manager	472	487
Engineers (includes geodes)	2	18
Scientists	12	14
Computer scientists, statisticians, etc.	38	5
Library, documentalist, equipment, etc.	10	1
Other	1000	1000
(Total)		

TABLE III
COMPARISON OF THE TWO GROUPS, BY EDUCATION

Years Completed	JCOC	Non-JCOC
High school	8%	2%
Some college	16	20
College graduate	30	37
Postgraduate	46	41
	100%	100%
	(N=37)	(N=49)

TABLE II
COMPARISON OF THE TWO GROUPS IN READING

Grade	Group	Score
First Grade	Group A	75
Second Grade	Group A	80
Third Grade	Group A	85
Fourth Grade	Group A	90
First Grade	Group B	70
Second Grade	Group B	75
Third Grade	Group B	80
Fourth Grade	Group B	85

obtained on the JCOC participants, however, and do indicate that they are leaders in their communities. The average number of organizations in which these men participate is about 9; one of them listed 33. Twenty-one of the 56 were presidents of their business corporations, six were chairmen of the board; 12 carried titles of senior or executive vice-president, general manager, or general secretary-treasurer. Six listed themselves as owners or partners in businesses, and the remaining 11 were divided among such titles as senior member (a physician), national commander (VFW, Disabled Veterans, Military Order of Purple Heart), Casting Director (movies), Headmaster, Principal Scientist, and General Counsel. Who's Who listed 11 per cent of the JCOC group and 34 per cent of the non-JCOC group,⁵ indicating that the occupational titles for the latter would be at least as impressive if the information were available here.

Prior to the final preparation of the questionnaire, it was submitted to the Wisconsin Survey Research Laboratory for critique and revision, and it was pretested on five persons residing in the Madison area who could be considered "community leaders."

⁵Who's Who In America (Chicago, 1970), Vol. 36, passim.

Measures

Information gain.--This refers to factual information known by the respondents. In the first wave questionnaire they were asked these five questions requiring factual answers (correct answers are checked):

1. Which one of the Armed Forces do you think has the most troops in Vietnam?
☒ Army ☐ Navy ☐ Air Force ☐ Marine Corps
2. About what percentage of the nation's budget is presently being allocated to defense spending?
☐ 20% ☒ 40% ☐ 60% ☐ 80%
3. About how many American troops are presently in Vietnam?
☐ 250,000 ☒ 450,000 ☐ 650,000 ☐ 850,000
4. Who is the present Chairman of the House Armed Services Committee?
☐ Carl Albert ☐ Wilbur Mills
☐ Edward Hebert ☒ Mendel Rivers
5. How many general officers have been killed in Vietnam?
☐ None ☐ One ☐ Three ☒ Five

In an attempt to avoid direct test "sensitization" effects regarding the specific items asked, a set of five different but analogous questions was prepared for the second questionnaire:

1. Who is the Commander of the American military forces in Vietnam?
☒ Gen. Abrams ☐ Gen. Walt
☐ Gen. Goodpastor ☐ Gen. Westmoreland

1. Who is the Chairman of the House Committee on Education and the Labor Committee?

2. Who is the Chairman of the House Committee on Education and the Labor Committee?

3. Who is the Chairman of the House Committee on Education and the Labor Committee?

4. Who is the Chairman of the House Committee on Education and the Labor Committee?

5. Who is the Chairman of the House Committee on Education and the Labor Committee?

6. Who is the Chairman of the House Committee on Education and the Labor Committee?

7. Who is the Chairman of the House Committee on Education and the Labor Committee?

8. Who is the Chairman of the House Committee on Education and the Labor Committee?

9. Who is the Chairman of the House Committee on Education and the Labor Committee?

10. Who is the Chairman of the House Committee on Education and the Labor Committee?

11. Who is the Chairman of the House Committee on Education and the Labor Committee?

12. Who is the Chairman of the House Committee on Education and the Labor Committee?

13. Who is the Chairman of the House Committee on Education and the Labor Committee?

14. Who is the Chairman of the House Committee on Education and the Labor Committee?

15. Who is the Chairman of the House Committee on Education and the Labor Committee?

16. Who is the Chairman of the House Committee on Education and the Labor Committee?

17. Who is the Chairman of the House Committee on Education and the Labor Committee?

18. Who is the Chairman of the House Committee on Education and the Labor Committee?

19. Who is the Chairman of the House Committee on Education and the Labor Committee?

20. Who is the Chairman of the House Committee on Education and the Labor Committee?

21. Who is the Chairman of the House Committee on Education and the Labor Committee?

2. What is the approximate dollar figure of the present U. S. Defense Department's budget?
 ____\$45 billion ____\$60 billion X\$75 billion
 ____\$90 billion
3. Approximately how many U. S. military personnel have been killed in the war in Vietnam?
 ____23,000 ____28,000 ____36,000 X43,000
4. Who is the Chairman of the Senate Armed Services Committee?
 ____Henry Jackson ____Richard Russell
 ____Mike Mansfield XJohn Stennis
5. What is the approximate combined total strength of the U. S. Armed Forces?
 ____2.4 million ____2.6 million X2.8 million
 ____3 million

General attitudes.--Osgood, Suci, and Tannenbaum, who introduced the semantic differential, described it as a method for measuring the meaning of an object to an individual.⁶ They found that the main component of "meaning" was simply evaluation--roughly, general attitude toward the object. Most social researchers consider it an attitude scale.⁷ Carter, Ruggels, and Chaffee provide a recent discussion of its utility in opinion measurement.⁸

⁶Charles E. Osgood, George J. Suci, and Percy H. Tannenbaum, The Measurement of Meaning (Urbana, 1957).

⁷Claire Selltitz, et al., Research Methods in Social Relations (Rev. ed.; New York, 1959), p. 380.

⁸Richard F. Carter, W. Lee Ruggels, and Steven H. Chaffee, "The Semantic Differential in Opinion Measurement," Public Opinion Quarterly, 32:666-674 (1969).

5. What is the approximate dollar figure of the
Federal U. S. National Government's budget?

____ 194 million ____ 195 million ____ 196 million

____ 197 million

6. Approximately how many U. S. military personnel
have been killed in the war in Vietnam?

____ 17,000 ____ 18,000 ____ 19,000 ____ 20,000

7. What is the chairman of the House Armed Services
Committee?

____ Henry Kissinger ____ John Stennis
____ J. Edgar Hoover ____ J. Lee Rankin

8. What is the approximate national total strength of
the U. S. Armed Forces?

____ 1.4 million ____ 1.5 million ____ 1.6 million

____ 1.7 million

General William Westmoreland, 1969, and General

William Westmoreland are among the most prominent figures in the

armed forces. The general is the subject of an

interview. They noted that the main purpose of

"meaning" was to give a realistic picture of the military

forces of the United States. The general's interview is an

interview with the general. The general's interview is an

interview with the general. The general's interview is an

interview with the general. The general's interview is an

interview with the general. The general's interview is an

interview with the general. The general's interview is an

It has proven particularly useful in probing latent and subtle attitude shifts, and therefore was considered ideal for assessing the effects of JOOC. An eight-item battery of differential scales was prepared, comprised of commonly used descriptive words pertaining to the internal evaluations of the military services. Four of these were "favorable" adjectives, and four "unfavorable"; in alphabetical order:

Please rate on a one-to-seven scale the following words on how well they describe the U. S. Armed Forces, in your opinion:

- | | | | | | | |
|---------------------------|------------------------|---|---|---|---|--------------------------------|
| 1. <u>Dedicated:</u> | Very
dedicated | | | | | Not at all
dedicated |
| | 1 | 2 | 3 | 4 | 5 | 6 7 |
| 2. <u>Disciplined:</u> | Very
disciplined | | | | | Not at all well
disciplined |
| | 1 | 2 | 3 | 4 | 5 | 6 7 |
| 3. <u>Disorganized:</u> | Very
disorganized | | | | | Not at all
disorganized |
| | 1 | 2 | 3 | 4 | 5 | 6 7 |
| 4. <u>Efficient:</u> | Very
efficient | | | | | Not at all
efficient |
| | 1 | 2 | 3 | 4 | 5 | 6 7 |
| 5. <u>Incompetent:</u> | Very
incompetent | | | | | Not at all
incompetent |
| | 1 | 2 | 3 | 4 | 5 | 6 7 |
| 6. <u>Irresolute:</u> | Very
irresolute | | | | | Not at all
irresolute |
| | 1 | 2 | 3 | 4 | 5 | 6 7 |
| 7. <u>Modern:</u> | Very
modern | | | | | Not at all
modern |
| | 1 | 2 | 3 | 4 | 5 | 6 7 |
| 8. <u>Unprofessional:</u> | Very
unprofessional | | | | | Not at all
unprofessional |
| | 1 | 2 | 3 | 4 | 5 | 6 7 |

is the present position, which is probably the most
 serious situation since 1945. The situation was somewhat better
 for some time after the return of 1955. The 1955-1956 season
 of differential growth was probably, however, the season of
 most differential growth occurring in the latter season.
 Some of the differential growth, from 1955 to 1956,
 "differential" growth, was from "differential" in 1955.

Partial order

Please rate on a one-to-seven scale the following items on
 how well they describe the U. S. Armed Forces in your
 opinion

1. Indispensable	Very Indispensable	1	2	3	4	5	6	7	Not at all Indispensable
2. Necessary	Very Necessary	1	2	3	4	5	6	7	Not at all Necessary
3. Important	Very Important	1	2	3	4	5	6	7	Not at all Important
4. Efficient	Very Efficient	1	2	3	4	5	6	7	Not at all Efficient
5. Dependable	Very Dependable	1	2	3	4	5	6	7	Not at all Dependable
6. Successful	Very Successful	1	2	3	4	5	6	7	Not at all Successful
7. Honest	Very Honest	1	2	3	4	5	6	7	Not at all Honest
8. Impartial	Very Impartial	1	2	3	4	5	6	7	Not at all Impartial

On the second wave, each of the items was replaced by an antonym:

Please rate on a one-to-seven scale the following words on how well they describe the U. S. Armed Forces, in your opinion:

1. <u>Competent</u> :	Very competent					Not at all competent
	1	2	3	4	5	6 7
2. <u>Indifferent</u> :	Very indifferent					Not at all indifferent
	1	2	3	4	5	6 7
3. <u>Inefficient</u> :	Very inefficient					Not at all inefficient
	1	2	3	4	5	6 7
4. <u>Old-fashioned</u> :	Very old-fashioned					Not at all old-fashioned
	1	2	3	4	5	6 7
5. <u>Organized</u> :	Very well organized					Not at all well organized
	1	2	3	4	5	6 7
6. <u>Professional</u> :	Very professional					Not at all professional
	1	2	3	4	5	6 7
7. <u>Resolute</u> :	Very resolute					Not at all resolute
	1	2	3	4	5	6 7
8. <u>Undisciplined</u> :	Very undisciplined					Not at all undisciplined
	1	2	3	4	5	6 7

The general attitude score on each wave consists of sum of scores, in a favorable direction, across the eight items.

Opinion.--Novland, Janis, and Kelley defined opinion as ". . . answers that an individual gives in

On the second week, with the same test system

by the following

When each of the 5 subjects was given the following words in the test they were given the same words in the same order:

1. <u>Unpleasant</u>	Very unpleasant	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
2. <u>Unpleasant</u>	Very unpleasant	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
3. <u>Unpleasant</u>	Very unpleasant	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
4. <u>Unpleasant</u>	Very unpleasant	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
5. <u>Unpleasant</u>	Very unpleasant	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
6. <u>Unpleasant</u>	Very unpleasant	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
7. <u>Unpleasant</u>	Very unpleasant	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
8. <u>Unpleasant</u>	Very unpleasant	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

The general results were on the whole very similar to those of the first test. The general results were on the whole very similar to those of the first test.

General results were on the whole very similar to those of the first test. The general results were on the whole very similar to those of the first test.

response to stimulus situations in which some general question is raised."⁹ In view of the various and conflicting definitions of "attitude" and "opinion" (Insko, for example, discusses four different definitions),¹⁰ it was considered best to keep the two concepts separate in this study, and attempt to measure change in both. Ten items designed to measure opinion change between the two waves were included in both questionnaires. The items on the first wave were:

1. What is your personal attitude toward the U. S. Armed Forces?

<input type="checkbox"/> Very favorable	<input type="checkbox"/> Moderately favorable	<input type="checkbox"/> No opinion
<input type="checkbox"/> Moderately unfavorable	<input type="checkbox"/> Very unfavorable	

Numerous statements have been made recently about the U. S. military by members of the mass media, Congressional leaders, and others. Please indicate your opinion on the following:

2. The military budget should be drastically reduced.

<input type="checkbox"/> Strongly agree	<input type="checkbox"/> Moderately agree	<input type="checkbox"/> No opinion
<input type="checkbox"/> Moderately disagree	<input type="checkbox"/> Strongly disagree	

⁹Carl I. Hovland, Irving Janis, and Harold Kelley, Communication and Persuasion (New Haven, 1953), p. 6.

¹⁰Chester A. Insko (ed.), Theories of Attitude Change (New York, 1967), pp. 2-3; and Charles A. Kiesler, et al., Attitude Change: A Critical Analysis of Theoretical Approaches (New York, 1969), pp. 1-5.

purpose to achieve uniformity in which were placed
 position is stated.¹² In view of the various and conflicting
 for realization of "orderly" and "uniform" (Loren, 1967)
 example, discussion from various perspectives.¹³ It was
 considered that in view of the complex aspects in this
 study, and attempt to achieve change in this, the focus
 shifted to examine opinion change between the two states
 were included as both possibilities. The focus on the
 that were used

1. What is your personal attitude toward the U. S. level
 Percent

_____ Very favorable	_____ Moderately favorable	_____ Not favorable
_____ Indifferent	_____ Indifferent	_____ Indifferent

Personal attitudes have been made towards about the U. S.
 ability by members of the same family, organizational
 leaders, and others. These findings from opinion in the
 following:

2. The ability index should be statistically analyzed.

_____ Strongly agree	_____ Moderately agree	_____ Not agree
_____ Indifferent	_____ Indifferent	_____ Indifferent

¹²David L. Lawrence, Irving Louis, and David Miller,
 Generalization and Extension (New York, 1967), p. 11.

¹³Charles A. Jones (ed.), *Journal of Statistics*
 Group (New York, 1967), pp. 1-7; and Charles A. Jones,
 et al., *Statistical Changes: A Critical Analysis of Statistical*
 Information (New York, 1968), pp. 1-7.

3. Further development and deployment of the Anti-Ballistic Missile (ABM) is essential to the national security.

<input type="checkbox"/> Strongly agree	<input type="checkbox"/> Moderately agree	<input type="checkbox"/> No opinion
<input type="checkbox"/> Moderately disagree	<input type="checkbox"/> Strongly disagree	

4. The military is distorting the truth by denying the presence of American combat forces in Laos.

<input type="checkbox"/> Strongly agree	<input type="checkbox"/> Moderately agree	<input type="checkbox"/> No opinion
<input type="checkbox"/> Moderately disagree	<input type="checkbox"/> Strongly disagree	

5. America's foremost position as a world leader is dependent upon the maintenance of vigorous and viable Armed Forces.

<input type="checkbox"/> Strongly agree	<input type="checkbox"/> Moderately agree	<input type="checkbox"/> No opinion
<input type="checkbox"/> Moderately disagree	<input type="checkbox"/> Strongly disagree	

6. The American military man in Vietnam is unsurpassed in fighting skill, determination, and courage under fire.

<input type="checkbox"/> Strongly agree	<input type="checkbox"/> Moderately agree	<input type="checkbox"/> No opinion
<input type="checkbox"/> Moderately disagree	<input type="checkbox"/> Strongly disagree	

7. The American military services have a vested interest in continuing the Vietnam War.

<input type="checkbox"/> Strongly agree	<input type="checkbox"/> Moderately agree	<input type="checkbox"/> No opinion
<input type="checkbox"/> Moderately disagree	<input type="checkbox"/> Strongly disagree	

8. Do you feel that serving in one of the Armed Forces leads to more or to less social responsibility in later civilian life?

<input type="checkbox"/> More	<input type="checkbox"/> Less	<input type="checkbox"/> Has no effect
-------------------------------	-------------------------------	--

3. Further investigation and development of the Anti-
 Ballistic Missile (ABM) is essential to the national
 security.

Strongly agree Moderately agree No opinion

Strongly disagree Moderately disagree

4. The military is distracting the funds by denying the
 progress of human space program in space.

Strongly agree Moderately agree No opinion

Strongly disagree Moderately disagree

5. America's foremost position as a world leader is
 dependent upon the maintenance of vigorous and viable
 space program.

Strongly agree Moderately agree No opinion

Strongly disagree Moderately disagree

6. The American military arm in Vietnam is unnecessary in
 light of the military determination, and progress under this

Strongly agree Moderately agree No opinion

Strongly disagree Moderately disagree

7. The American military arm in Vietnam has a great impact
 in continuing the Vietnam War.

Strongly agree Moderately agree No opinion

Strongly disagree Moderately disagree

8. Do you feel that saving in one of the space program
 funds so that it can be used for other purposes is
 better than

Strongly agree Moderately agree No opinion

Listed below in alphabetical order are eight occupations. How much status do you accord to these occupations? Please indicate the one to which you accord the most status by marking the number "1" by it; mark a "2" by the one you regard second most, and so on. Rank each of the occupations, so that you will mark an "8" by the one you regard the least.

___Bookkeeper

___Minister/priest

___Farmer

___Physician

9. ___Military enlisted man

___Public school teacher

10. ___Military officer

___Radio/TV announcer

For items (9) and (10), the rankings of the eight occupations were scored on an 8-7-6 etc. basis, from first-ranked on down. Only the scores for "military enlisted man" and "military officer" enter into the data analysis.

On the second wave two modifications were made. The item referring to Laos (No. 4) was deleted because it was no longer relevant, the presence of U. S. forces in Laos having been publicly established as fact by that time. Substituted in its place was an item referring to Cambodia, a more current issue. The wording of the item was made as similar to the replaced item as possible.

A second modification was made on the item that requested a ranking of occupations (Nos. 9-10). So that none of the respondents would be asked to rank his own occupation in both waves of the questionnaire, the non-military occupations from the first wave were replaced by

There is a small, dark, rectangular object, possibly a piece of wood or metal, lying on the ground. It is oriented horizontally and appears to be a component of a larger structure, possibly a door or a window frame. The object is dark in color, possibly black or dark brown, and has a rough, textured surface. It is located in the lower right quadrant of the image, near the bottom edge. The background is a light, sandy or gravelly surface, possibly a beach or a dry, open area. The overall scene is somewhat desolate and appears to be a close-up shot of a specific object in a natural or outdoor setting.

_____Library missed on _____Public school; 7-20-61

revenue: 1992/93

1. The first of these is the fact that the Commission has not yet received any information from the Government of the United States regarding the activities of the latter in the field of human rights.

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These findings are consistent with the hypothesis that the effect of the stimulus on the response is mediated by the stimulus-response association.

we judge relevant, the relevant 20 or 25 cases of

During the period 1945-1949, the following persons were employed by the Bureau of the Census:

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occupations having a similar prestige ranking.¹¹ An exception had to be made for "minister/priest," because no comparable substitute occupation could be found; this occupation applies to only three respondents in the study.

The following was substituted for item 4 above:

- 4a. The military is distorting the truth by claiming that American air support for Cambodian military operations is mainly to reduce American casualties in Vietnam.

The following was substituted for the occupational ranking items:

Listed below in alphabetical order are eight occupations. How much status do you accord to these occupations? Please indicate the one to which you accord the most status by marking the number "1" by it; mark a "2" by the one you regard second most, and so on. Please rank each of the occupations, so that you will mark an "8" by the one you regard the least:

- | | |
|------------------------------|------------------------|
| ___ Farm owner | ___ Minister/priest |
| ___ Insurance agent | ___ Newspaper reporter |
| 9. ___ Military enlisted man | ___ Scientist |
| 10. ___ Military officer | ___ Social worker |

Behavior.--This refers to "overt" behavior, relevant to the military and the public. Respondents were asked to report the number of public speeches given during the preceding six-month period, and of that total how many

¹¹ National Opinion Research Center, "Jobs and Occupations: A Popular Evaluation," in Reinhard Bendix and Seymour M. Lipset (eds.), *Class, Status and Power* (Glencoe, Illinois, 1953), pp. 411-426.

congressional hearing a similar procedure would be used. It is noted that the fact that the "Witness/Panel" becomes an opportunity for the witness to present his views, this opportunity applies to only those witnesses in the study.

The following was submitted for item 4 above:

4. The military is currently the branch of military that handles all requests for Congressional military operations. It is likely to continue to handle requests in Vietnam.

The following was submitted for the second item:

Second item:

Second item is alphabetical order and right comparison. The word "item" is too broad to cover suggestions. Please indicate the one in which you would like the most action by writing the number "1" by the "1" by the top of the second page, and so on. Please check off the suggestions as they are all "1" by the top of the page.

Have some _____ Military/Panel

_____ Second item

8. Military related with _____ Military

10. Military officer _____ Social worker

Background: This report is "new" behavior.

relevant to the military and the public. Backgrounds are used to report the number of public opinions given during the preceding six-month period, and as they total two days.

1. National opinion research team, "Data and Government & Public Relations" is a study of the behavior of the public. (See: Green, Adams and Green Johnson, Lincoln, 1971). P. 41-42.

speeches were devoted to a military subject. This measure is necessarily based on self-report, since it was impossible for the researcher to observe overt behavior.¹²

Specific items were:

1. About how many public speeches have you made in the last six months? _____
2. How many of them were on a military subject? _____

The key measure of behavior was the item concerning speeches on a military subject. In testing Hypothesis 3, the ratio of military speeches to total speeches (before and after the conference) was compared between the two respondent groups. In testing Hypotheses 5 and 6, the number of military speeches to total speeches was converted to a percentage figure and utilized as a gain item in computing inter-item correlations.

Restatement of Hypotheses

Rephrased in operational terms, this study will test the following hypotheses, assuming that the first wave data will show no significant difference between the two groups:

1. The JCOC group will score higher on the five-item knowledge test than will the comparison group.
2. a. The JCOC group will express more favorable attitudes toward the military on the semantic

¹²Kiesler, et al., op. cit., p. 17.

speeches were devoted to a military subject. This means
 it necessarily leads to a military subject. It is not
 clear for the moment in which way this is to be done.¹²

Speeches on the subject

1. How can we make the military subject more interesting?

Let us consider

2. How can we make the military subject more interesting?

The key element of interest was the fact that

speeches on a military subject. In making speeches 2.

the rules of military speeches to make speeches interesting

and after the conference was opened between the two

corresponding groups. In making speeches 1 and 2.

making it military speeches to make speeches more interesting

to a percentage figure and interest in a given line is

considering the military subject.

Interests of the military

Interest in military topics. This study will

lead the following questions, assuming that the first was

data will show an established relationship between the two

groups.

1. The 1900 group will show data on the military

knowledge that they all the military group.

2. The 1900 group will show data on the military

knowledge that they all the military group.

- differential scales than will the comparison group.
- b. The JCOC group will express more favorable opinions regarding the military than will the comparison group.
3. a. The JCOC group will give more speeches on military subjects than will the comparison group.
- b. A higher proportion of speeches given by the JCOC group will involve military subjects than those of the comparison group.
4. a. There will be a greater correlation between information gain and attitude change scores in the JCOC group than in the comparison group.
- b. There will be a greater correlation between information gain and opinion change scores in the JCOC group than in the comparison group.
5. a. There will be a greater correlation between attitude change and behavior change scores in the JCOC group than in the comparison group.
- b. There will be a greater correlation between opinion change and behavior change scores in the JCOC group than in the comparison group.
6. There will be a greater correlation between information gain and behavior change scores in the JCOC group than in the comparison group.

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... The study was funded by the National Science Foundation.

colours to match the subject's skin.

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with the same number of iterations. The resulting algorithm is called *iterative* *greedy* *search* (*IGS*).

Journal of Management Inquiry 23(1) 3-14

There will be a poster session 2-5pm

...the

There will be a special space for the following

...and the ...

CHAPTER IV

RESULTS

Information Gain

The before-after data in Table IV indicate that the JCOC group consistently gained on each of the five items in comparison with the non-JCOC group. The mean difference between the two groups was .01 in favor of the non-JCOC group on the first wave, and .31 in favor of JCOC on the second wave. This difference, although not quite statistically significant, is consistent with the first hypothesis; the JCOC program seems to have succeeded in stimulating a greater knowledge of military matters among the participants to a modest degree. The failure to reach conventional significance levels can be at least partly explained by the small Ns. The fact that the after-score differences are consistent across several items lends credence to the information-gain hypothesis. Discounting the one tie, the pattern of 4-of-4 items in the predicted direction would occur only six times in 100 by chance.

General Attitudes

Analysis of the eight semantic differential items in Table V also shows a positive effect of JCOC. On each

RESULTS

ANALYSIS

Information Data

The information data in Table IV indicates that the 1000 group consistently ranks on a high of the 1000 group in comparison with the control group. The mean difference between the two groups was .01 in favor of the 1000 group on the first item, and .21 in favor of 1000 on the second item. This difference, although not statistically significant, is consistent with the first hypothesis. The 1000 group seems to have succeeded in obtaining a greater knowledge of military policies under the condition of a higher degree. The failure to reach conventional significance levels can be at least partly explained by the small size. The first time the difference was observed was consistent across several items leading to the information-gain hypothesis. Examining the two 1000 groups of 1000 items in the condition showed results occur only six items in 1000 by chance.

General Findings

Analysis of the eight conditions indicated that in Table I was shown a positive effect of 1000. It was

TABLE IV
KNOWLEDGE OF MILITARY MATTERS

	Proportion Answering Correctly Before and After JCOC			
	JCOC Participants		Comparison Group	
	Before	After	Before	After
<u>First Questionnaire</u>				
Which of Armed Forces has most troops in Vietnam?	.97		1.00	
What percentage of nation's budget is allocated to defense spending?	.57		.60	
How many American troops are in Vietnam?	.90		.80	
Who is Chairman of House Armed Services Committee?	.92		.88	
How many general officers have been killed in Vietnam?	.30		.39	
<u>Second Questionnaire</u>				
Who is Commander of American military forces in Vietnam?		.95		.88
What is approximate dollar figure of Defense Department?		.54		.45
How many U. S. military personnel have been killed in Vietnam?		.59		.59

Preparation: 10 min. (10 min. for 10 min.)

1998

Office of Naval Affairs
Room 2001
Washington

What percentage of
national budget is
allocated to defense
expenditure?

1959
1960

10. *Journal of the American Medical Association*, 1990; 263: 1000-1001.

How many people
were used in the
study is unclear.

How is the
business
going to be?

What is significant
about this of
the Government?

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ASTOR LENOX TILDEN FOUNDATION
455 FIFTH AVENUE
NEW YORK 17, N. Y.

TABLE IV (Continued)

Proportion Answering Correctly Before and After JCOC				
JCOC Participants		Comparison Group		
	Before	After	Before	After
Who is Chairman of Senate Armed Services Committee?		.54		.45
What is total strength of U. S. Armed Forces?		.24		.18
Total Score	3.66	2.86	3.67	2.55
Difference Before: $3.66 - 3.67 = -.01$ (for control)				
After: $2.86 - 2.55 = +.31^a$ (for JCOC)				
Net: $+.32$ (for JCOC) ^b				

$$^a z = 1.14, p = .13$$

$$^b z = 1.25, p = .11$$

TABLE V

GENERAL ATTITUDES TOWARD THE MILITARY

One-to-Seven Favorability Scale ^a Before and After JCOC								
First Questionnaire	Second Questionnaire	JCOC Participants		Comparison Group		Net		
		Before	After	Net	Before	After	Net	
Dedicated	Indifferent	5.57	5.69	+1.12	5.33	5.23	-.10	+2.22
Disciplined	Undisciplined	5.65	5.58	-.07	5.22	5.06	-.16	+1.09
Disorganized	Organized	5.37	5.70	+3.33	4.96	5.23	+2.27	+1.06
Efficient	Inefficient	5.16	5.47	+3.31	4.67	4.50	-.17	+1.48
Incompetent	Competent	5.69	5.89	+2.20	5.29	5.40	+1.11	+1.09
Irresolute	Resolute	5.15	5.97	+8.82	4.98	5.30	+3.32	+1.50
Modern	Old-fashioned	5.92	5.47	-.45	5.31	4.77	-.54	+1.09
Unprofessional	Professional	5.25	6.00	+7.75	5.02	5.44	+4.42	+1.33
		43.76	45.77	+2.01 ^b	40.78	40.93	+1.15 ^b	+1.86

TABLE 1

MEAN VALUES OF PHYSICAL PROPERTIES

No.	Physical Properties				Chemical Properties	
	Grain		Hull		Moisture	Ash
	Weight	Volume	Weight	Volume		
1	10.0	10.0	10.0	10.0	10.0	10.0
2	10.0	10.0	10.0	10.0	10.0	10.0
3	10.0	10.0	10.0	10.0	10.0	10.0
4	10.0	10.0	10.0	10.0	10.0	10.0
5	10.0	10.0	10.0	10.0	10.0	10.0
6	10.0	10.0	10.0	10.0	10.0	10.0
7	10.0	10.0	10.0	10.0	10.0	10.0
8	10.0	10.0	10.0	10.0	10.0	10.0
9	10.0	10.0	10.0	10.0	10.0	10.0
10	10.0	10.0	10.0	10.0	10.0	10.0
11	10.0	10.0	10.0	10.0	10.0	10.0
12	10.0	10.0	10.0	10.0	10.0	10.0
13	10.0	10.0	10.0	10.0	10.0	10.0
14	10.0	10.0	10.0	10.0	10.0	10.0
15	10.0	10.0	10.0	10.0	10.0	10.0
16	10.0	10.0	10.0	10.0	10.0	10.0
17	10.0	10.0	10.0	10.0	10.0	10.0
18	10.0	10.0	10.0	10.0	10.0	10.0
19	10.0	10.0	10.0	10.0	10.0	10.0
20	10.0	10.0	10.0	10.0	10.0	10.0
21	10.0	10.0	10.0	10.0	10.0	10.0
22	10.0	10.0	10.0	10.0	10.0	10.0
23	10.0	10.0	10.0	10.0	10.0	10.0
24	10.0	10.0	10.0	10.0	10.0	10.0
25	10.0	10.0	10.0	10.0	10.0	10.0
26	10.0	10.0	10.0	10.0	10.0	10.0
27	10.0	10.0	10.0	10.0	10.0	10.0
28	10.0	10.0	10.0	10.0	10.0	10.0
29	10.0	10.0	10.0	10.0	10.0	10.0
30	10.0	10.0	10.0	10.0	10.0	10.0
31	10.0	10.0	10.0	10.0	10.0	10.0
32	10.0	10.0	10.0	10.0	10.0	10.0
33	10.0	10.0	10.0	10.0	10.0	10.0
34	10.0	10.0	10.0	10.0	10.0	10.0
35	10.0	10.0	10.0	10.0	10.0	10.0
36	10.0	10.0	10.0	10.0	10.0	10.0
37	10.0	10.0	10.0	10.0	10.0	10.0
38	10.0	10.0	10.0	10.0	10.0	10.0
39	10.0	10.0	10.0	10.0	10.0	10.0
40	10.0	10.0	10.0	10.0	10.0	10.0
41	10.0	10.0	10.0	10.0	10.0	10.0
42	10.0	10.0	10.0	10.0	10.0	10.0
43	10.0	10.0	10.0	10.0	10.0	10.0
44	10.0	10.0	10.0	10.0	10.0	10.0
45	10.0	10.0	10.0	10.0	10.0	10.0
46	10.0	10.0	10.0	10.0	10.0	10.0
47	10.0	10.0	10.0	10.0	10.0	10.0
48	10.0	10.0	10.0	10.0	10.0	10.0
49	10.0	10.0	10.0	10.0	10.0	10.0
50	10.0	10.0	10.0	10.0	10.0	10.0
51	10.0	10.0	10.0	10.0	10.0	10.0
52	10.0	10.0	10.0	10.0	10.0	10.0
53	10.0	10.0	10.0	10.0	10.0	10.0
54	10.0	10.0	10.0	10.0	10.0	10.0
55	10.0	10.0	10.0	10.0	10.0	10.0
56	10.0	10.0	10.0	10.0	10.0	10.0
57	10.0	10.0	10.0	10.0	10.0	10.0
58	10.0	10.0	10.0	10.0	10.0	10.0
59	10.0	10.0	10.0	10.0	10.0	10.0
60	10.0	10.0	10.0	10.0	10.0	10.0
61	10.0	10.0	10.0	10.0	10.0	10.0
62	10.0	10.0	10.0	10.0	10.0	10.0
63	10.0	10.0	10.0	10.0	10.0	10.0
64	10.0	10.0	10.0	10.0	10.0	10.0
65	10.0	10.0	10.0	10.0	10.0	10.0
66	10.0	10.0	10.0	10.0	10.0	10.0
67	10.0	10.0	10.0	10.0	10.0	10.0
68	10.0	10.0	10.0	10.0	10.0	10.0
69	10.0	10.0	10.0	10.0	10.0	10.0
70	10.0	10.0	10.0	10.0	10.0	10.0
71	10.0	10.0	10.0	10.0	10.0	10.0
72	10.0	10.0	10.0	10.0	10.0	10.0
73	10.0	10.0	10.0	10.0	10.0	10.0
74	10.0	10.0	10.0	10.0	10.0	10.0
75	10.0	10.0	10.0	10.0	10.0	10.0
76	10.0	10.0	10.0	10.0	10.0	10.0
77	10.0	10.0	10.0	10.0	10.0	10.0
78	10.0	10.0	10.0	10.0	10.0	10.0
79	10.0	10.0	10.0	10.0	10.0	10.0
80	10.0	10.0	10.0	10.0	10.0	10.0
81	10.0	10.0	10.0	10.0	10.0	10.0
82	10.0	10.0	10.0	10.0	10.0	10.0
83	10.0	10.0	10.0	10.0	10.0	10.0
84	10.0	10.0	10.0	10.0	10.0	10.0
85	10.0	10.0	10.0	10.0	10.0	10.0
86	10.0	10.0	10.0	10.0	10.0	10.0
87	10.0	10.0	10.0	10.0	10.0	10.0
88	10.0	10.0	10.0	10.0	10.0	10.0
89	10.0	10.0	10.0	10.0	10.0	10.0
90	10.0	10.0	10.0	10.0	10.0	10.0
91	10.0	10.0	10.0	10.0	10.0	10.0
92	10.0	10.0	10.0	10.0	10.0	10.0
93	10.0	10.0	10.0	10.0	10.0	10.0
94	10.0	10.0	10.0	10.0	10.0	10.0
95	10.0	10.0	10.0	10.0	10.0	10.0
96	10.0	10.0	10.0	10.0	10.0	10.0
97	10.0	10.0	10.0	10.0	10.0	10.0
98	10.0	10.0	10.0	10.0	10.0	10.0
99	10.0	10.0	10.0	10.0	10.0	10.0
100	10.0	10.0	10.0	10.0	10.0	10.0

Physical Properties of Various Grains

10.0 = 10.0 (10.0 = 10.0)

of the eight items, the JCOC group consistently gained (or diminished less), when compared to the non-JCOC group. This finding is significant at the $p = .004$ level, by sign test. The mean difference between the two groups changed in a favorable direction by an average of .23 per item for JCOC. Hypothesis 2a was that participation in the conference would result in the enhancement of the general attitudes toward the military. While one is never quite certain what a single semantic differential measures, this consistency across a battery of scales certainly seems to support the hypothesis. The results are not as clear-cut as would be the case in a true experimental design, because the two groups were not equal at the beginning of the study. In at least one respect, however, this "before" difference worked against the hypothesis, because it created a "ceiling" in that the JCOC group had less room for improvement in their attitudes toward the military. Still, one could argue that the JCOC group was "predisposed" to become more favorable, as indicated by their initially more favorable attitudes.¹

Opinion Change

Analysis of the ten specific opinion items indicates an even split between the two groups: the JCOC group

¹Klapper, "The Social Effects of Mass Communication," op. cit.

at the higher levels, the 5000 group consistently gained the
 distinction levels when compared to the 10000 group.

This finding is significant at the $p < .001$ level, by sign
 test. The main difference between the two groups appeared
 in a favorable direction by an amount of .12 per cent for
 5000. Hypothesis 10 was that participation in the course

would result in the attainment of the course.

Results showed the 5000 group to have a
 greater than a single amount of improvement between, this
 comparison across a number of social learning areas in
 support the hypothesis. The results are not as clear-cut

as would be the case in a true experimental design because
 the two groups were not equal at the beginning of the study.
 In at least one respect, however, this finding is significant

which showed the 5000 group to have a

"ceiling" in that the 5000 group had less room for improvement
 than in their progress toward the 5000 level. Still, the

could argue that the 5000 group was "prejudged" to perform
 more favorably, as indicated by their initially lower

favorable ratings.

Conclusion

Results of the two groups' progress toward the
 course in each area between the two groups, the 5000 group

gained in favorability on five of the items and the non-JCOC group gained in favorability on five of the items. An index constructed from these ten items showed a slight differential gain in favor of the JCOC group, but this does not approach statistical significance ($z = .79$). Thus, Hypothesis 2b should be rejected. The results are analyzed separately by items in Tables VI, VII, and VIII, which show, respectively, three items on which there is a positive (pro-JCOC) gain, four items on which there is no appreciable difference between the two groups, and three items that seem to show negative (anti-JCOC) effects.

The three positive effects items (Table VI) have to do with current issues regarding public perceptions of military capabilities and policies. The JCOC group increases, and the non-JCOC group decreases, in their disagreement with this statement:

"The American military services have a vested interest in continuing the Vietnam War."

And, their agreement with this statement:

"The American military man in Vietnam is unsurpassed in fighting skill, determination, and courage under fire."

Both groups gain, but the JCOC group more so, in agreeing that:

"Further development and deployment of the Anti-Ballistic Missile (ABM) is essential to the national

period of development in 1950 of the 1000 and 10000
 1000 group gained in development in 1950 of the 1000. In
 index compared with 1950 the 1000 group showed a slight
 differential gain in favor of the 1000 group. For this data
 not specific statistical significance ($t = .70$). Thus,
 hypothesis in which is rejected. The results are compared
 separately by item in Tables VI, VII, and VIII, which
 show, respectively, these items on which there is a gain-
 five (1950-1955) year, four items on which there is no
 significant difference between the two groups, and three
 items that seem to show negative (1950-1955) effects.
 The three positive effects items (Table VI) have to
 do with certain factors regarding public perception of
 military expenditures and political. The 1000 group is
 greater, and the 10000 group, however, is also dis-
 agreement with this statement.
 "The American military services have a needed interest
 in maintaining the Vietnam War."
 And, their agreement with this statement.
 "The American military has in Vietnam is unappreciated
 in fighting skill, determination, and courage under
 fire."
 Four groups gain, but the 1000 group was not, in
 agreement with:
 "Further development and equipment of the mili-
 tary is essential (1955) in order to the national

TABLE VI

OPINIONS TOWARD THE MILITARY: POSITIVE EFFECTS

One-to-Five Agreement-with-Statement Scale,^a
Before and After JCOC

Statement	JCOC Participants		Comparison Group		Net JCOC
	Before	After Net	Before	After Net	
American military services have vested interest in continuing Vietnam War. (negative item)	3.67	4.38 +.71	3.98	3.88 -.10	+ .81
	1.01	1.59 +.22	2.02	2.34 +.32	+ .54
American military men in Vietnam is unsurpassed in fighting skill, determination, and courage under fire.					
Further development and deployment of ABM is essential to national security.	1.95	1.51 +.44	2.57	2.35 +.22	+ .22

^a A score of 1 represents maximum agreement with statement.

security."

No differential gain or loss (Table VII) occurs on general attitudes toward military personnel, the Armed Forces, or the credibility of military information reports.

The negative effects (Table VIII) should not be interpreted as "boomerangs," since they consist of items on which the JCOC group did not change, but the non-JCOC group did change--surprisingly, in a favorable direction toward the military. These three items appear to involve fairly global feelings about the role of the military in American society:

"The military budget should be drastically reduced."

"America's foremost position as a world leader is dependent upon the maintenance of vigorous and viable Armed Forces."

"Do you feel that serving in one of the Armed Forces leads to more or to less social responsibility in later civilian life?"

Looking at Hypothesis 2 as a unit, then, while the semantic differential data indicate positive attitude change as a result of participation in JCOC, this shift in general affect does not seem to have manifested itself in specific verbal opinions as well. It is perhaps noteworthy that the pro-JCOC (Table VI) items, as well as the semantic differential items, represent evaluations of the military

...and...

...to institutional gain or loss (Table VII) occurs on
 general estimates toward military personnel, the trend
 toward, or the possibility of military institutional expansion.
 The negative effects (Table VIII) should not be
 interpreted as "downside," since they consist of losses on
 which the total group did not change, but the non-zero group
 did change--unfortunately, in a direction opposite to
 the military. These losses seem again to involve fairly
 global feelings about the role of the military in American
 society.

"The military budget should be drastically reduced."
 "America's greatest problem is a world leader in
 dependence upon the maintenance of weapons and space
 arms races."
 "Do you feel that serving in one of the armed forces
 leads to more or to less social responsibility in
 their civilian life?"

Looking at questions 1 and 2, then, while the
 American institutional bias indicates positive results
 change as a result of participation in 1967, this bias is
 general effect does not seem to have manifested itself in
 specific verbal opinions as well. It is perhaps noteworthy
 that the previous (Table VI) item, as well as the American
 institutional item, represent conditions of the military

TABLE VII

OPINIONS TOWARD THE MILITARY: NO DIFFERENTIAL GAIN

One-to-Five Agreement-with-Statement Scale,^a
Before and After JCOC

Statement	JCOC Participants		Comparison Group		Net JCOC
	Before	After Net	Before	After Net	
Military is distorting truth by denying presence of American combat forces in Laos. (negative item)	3.24		3.13		
Military is distorting truth by claiming American air support for Cambodian military operations is to reduce American casualties in Vietnam. (negative item)		3.97 +.73		3.80 +.67	+ .06

^aOne represents maximum agreement with statement.

TABLE VII (Continued)

One-to-Five Favorability Scale.^a
Before and After JCOC

Item	JCOC Participants		Comparison Group		Net JCOC
	Before	After Net	Before	After Net	
Personal attitude toward Armed Forces.	1.27	1.14 +.13	1.47	1.33 +.14	-.01

^aOne represents maximum favorability.One-to-Eight Occupational Prestige Scale.^a
Before and After JCOC

Occupation	JCOC Participants		Comparison Group		Net JCOC
	Before	After Net	Before	After Net	
Military enlisted man	5.49	5.32 +.17	6.02	5.87 +.15	+.02
Military officer	2.97	2.85 +.12	3.33	3.15 +.18	-.06

^aOne represents maximum-prestige-occupation.

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Validation: 88% (95% CI 85-91%)

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Fig. 2. ΔT_{max} vs. ΔT_{min} for $\Delta T_{\text{min}} = 0$.

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from a large number of independent observations.

TABLE VIII

OPINIONS TOWARD THE MILITARY: NEGATIVE EFFECTS

One-to-Five Agreement-with-Statement Scale.^a
Before and After JCOC

Statement	JCOC Participants		Comparison Group		Net JCOC
	Before	After Net	Before	After Net	
Military budget should be drastically reduced. (negative item)	4.14	4.27 +.13	2.90	3.53 +.63	-.50
America's foremost position as a world leader is dependent upon maintenance of vigorous and viable Armed Forces.	1.27	1.30 -.03	1.82	1.49 +.33	-.36

^aOne represents maximum agreement with statement.

CONCLUSIONS

only 13 years longer and involved higher costs

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

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CO₂ = 0.6 + 1.75 × 10⁻⁴ × T_{air}

TABLE VIII (Continued)

Effect of Military Service on Social Responsibility^a

Item	JCOC Participants		Comparison Group		Net JCOC
	Before	After Net	Before	After Net	
Serving in Armed Forces leads to more or to less social responsibility in later civilian life?	1.32	1.33 -.01	1.42	1.19 +.23	-.24

^aOne represents "more" social responsibility.

THESE RESULTS SHOW THAT THE CONCENTRATION OF THE SOLUTIONS IS NOT AFFECTED BY THE TEMPERATURE.

THESE RESULTS SHOW THAT THE CONCENTRATION OF THE SOLUTIONS IS NOT AFFECTED BY THE TEMPERATURE.

TEMPERATURE (°C)	CONCENTRATION (g/100 ml)	REFRACTIVE INDEX	DENSITY (g/ml)	WISCONSIN
10.0	10.0	1.000	1.000	1.000
20.0	20.0	1.000	1.000	1.000
30.0	30.0	1.000	1.000	1.000
40.0	40.0	1.000	1.000	1.000
50.0	50.0	1.000	1.000	1.000
60.0	60.0	1.000	1.000	1.000
70.0	70.0	1.000	1.000	1.000
80.0	80.0	1.000	1.000	1.000
90.0	90.0	1.000	1.000	1.000
100.0	100.0	1.000	1.000	1.000

TEMPERATURE (°C)	CONCENTRATION (g/100 ml)	REFRACTIVE INDEX	DENSITY (g/ml)	WISCONSIN
10.0	10.0	1.000	1.000	1.000
20.0	20.0	1.000	1.000	1.000
30.0	30.0	1.000	1.000	1.000
40.0	40.0	1.000	1.000	1.000
50.0	50.0	1.000	1.000	1.000
60.0	60.0	1.000	1.000	1.000
70.0	70.0	1.000	1.000	1.000
80.0	80.0	1.000	1.000	1.000
90.0	90.0	1.000	1.000	1.000
100.0	100.0	1.000	1.000	1.000

THESE RESULTS SHOW THAT THE CONCENTRATION OF THE SOLUTIONS IS NOT AFFECTED BY THE TEMPERATURE.

internally. None of these items is concerned with the external value of the military to society in general. On the other hand, the items that do not seem to have been changed by JCOC are ones that seek to get at external evaluations.

On the two items having a direct relation to the Vietnam War, JCOC registered its largest gains. This would seem to indicate that this topic was stressed in some way during the JCOC trip, perhaps simply because it was a major question in the minds of the participants. Similarly, since the ABM was a matter of public controversy during the period of JCOC, information obtained by the participants during the conference probably does account for the favorable change regarding this weapon system.

The negative effect item that should concern JCOC planners the most is the question regarding military budget reduction. The JCOC group was originally more inclined to disagree that the military budget should be drastically reduced than the control group, by a difference of 1.24. Yet, on the second wave, the JCOC group was only inclined to disagree with the statement by a difference of .74.

It is conceivable that members of the JCOC observed some aspect of the military that they deemed wasteful or non-productive, perhaps the JCOC program itself. It is also possible that the JCOC became so impressed with the military power of the Armed Forces that it considered no

immediately. Some of these items are reported with the
 estimated value of the military to society is general. On
 the other hand, the items that do not seem to have been
 changed by 1950 are those that seem to have no material
 value.

On the two items having a direct relation to the
 military, the 1950 estimates are largely correct. This would
 seem to indicate that this type of estimate is more
 during the 1950s, perhaps slightly because it was a major
 question in the minds of the participants. Finally,
 since the 1950s was a period of public controversy during the
 period of 1950, information available to the participants
 during the estimates probably does account for the lower
 this change regarding this weapon system.

The negative effect is that about 1950
 indicates the goal is the question regarding military budget
 reduction. The 1950 group was definitely more inclined to
 disagree that the military budget should be decreasing
 without that the country should be a minimum of 1.44.
 Yet, on the same year, the 1950 group was only inclined
 to disagree with the statement by a margin of .74.

It is conceivable that because of the 1950 group
 was aware of the military that they should decrease or
 reorganize. Perhaps the 1950 group itself. It is
 also possible that the 1950 group was influenced with the
 military point of view from before that it considered no

adversary or potential adversary could match that power in the immediate future, so moneys should be devoted to other segments of the nation's economy that are more critically deficient.

The item regarding "America's foremost position" depending on "vigorous and viable Armed Forces" could be construed to support either of the above arguments. If the JCOC observed waste, they might be inclined to downgrade the role of the military relative to world leadership. However, if they were overwhelmed with the nation's military might, they might feel that enough attention had been devoted to that aspect of national power and it was time to attend to other less proficient sectors.

The item regarding social responsibility, while not a "boomerang" in the strict sense, should also be considered seriously in evaluating JCOC. This item refers directly to evaluations of the quality of military personnel (as did the prestige ratings shown in Table VII). At best, it can be concluded that JCOC had no influence on these evaluations.

Inter-item correlations were calculated for the six opinion items that showed differential gains for either group (i.e., the items in Tables VI and VIII). Using an r -to- z transformation to compute mean correlations,² the

²Quinn McNemar, *Psychological Statistics* (3d ed.,

the possibility of potential military action that power in the immediate future, no steps should be devoted to other segments of the nation's economy that are more directly affected.

The issue regarding "America's Economic Position" depending on "rigorous and stable sound money" would be considered in support either of the above proposals. It was observed that, they might be inclined to compare the role of the military relative to world leadership. However, if they were concerned with the nation's military might, they might find that the economic situation has been devoted to this aspect of national power and is well able to stand in other than political matters.

The issue regarding social responsibility, while not a "primary" in the strict sense, should also be considered. It is generally in support of the above proposals directly to emphasize to the people of military personnel (as did the previous section shown in Table VII). It may be concluded that 1950 had an influence on these evaluations.

Inter-branch coordination was determined for the military branch. This branch distinguished between the other group (i.e., the issue of Table VII). Table VII shows a comparison of the above and other proposals.

following averages were found:

JCOC		Non-JCOC	
Before	After	Before	After
.18	.27	.41	.33

Both before and after, there is a greater tendency among the non-JCOC group to "stereotype" their opinion responses, on the basis of some more general latent attitude toward the military. This may help to account for the fact that the JCOC participants seem to have been rather selective in their patterns of opinion change.

Looking at the data another way, it could be concluded that there were really no "negative" effects, because the failure of the JCOC group to change in a favorable direction could be due to a "ceiling effect." Their initial opinions were to the favorable side of "center" on the whole, whereas the non-JCOC group had more neutral initial opinions and thus more opportunity to change favorably. A ceiling-effect explanation cannot be tested, but it remains as at least a plausible way of accounting for the overall failure to support Hypothesis 2b with more than very minimal indications of opinion change due to the JCOC experience.

Following treatment with insulin

Insulin		Control	
Before	After	Before	After
11.	10.	17.	16.

Both before and after, there is a greater tendency among the non-2000 group to "stagnate" than among the 2000 group. On the basis of some more general factors which have been mentioned, this may help to account for the fact that the 2000 group seems to have been better adjusted to their position of optimum change.

Looking at the data another way, it could be

concluded that there was really no "negative" effect.

Because the results of the 2000 group no longer in a favor-

able direction could be due to a "stalled effect," there

is still a question as to the direction of "control" or

the whole system. The non-2000 group had more control

which explains and thus more opportunity to change

favorably. A daily-effect experiment cannot be made,

yet it remains as at least a plausible way of accounting

for the overall failure to support hypothesis 2b with more

than very slight indications of optimum change due to the

2000 experiment.

New York, 1951, p. 100.

Behavior

Two items were designed to measure overt behavior change between the two groups:

1. "About how many public speeches have you made in the last six months?"
2. "How many of them on a military subject?"

The importance of these two items can best be illustrated by presenting them as a ratio. Both the number of military speeches and the ratio of military to total speeches given fell for each group from the first to second wave (Table IX). The military speech percentage of total public speeches dropped from 31 per cent to 27 per cent for JCOC and from 11 per cent to less than 5 per cent for the control group. (It should be pointed out that the JCOC group, by participating in the JCOC, could be expected to make fewer total speeches since they were traveling away from their hometowns more than usual.)

These behavior measures are not very satisfactory, because the initial difference between the two groups (2.97 for JCOC, .96 for non-JCOC) is too great to permit any meaningful comparison of changes. The measure, therefore, is not adequate to determine whether or not Hypothesis 3 is supported. This ratio score is retained below in correlational analysis, however.

1954

Two lines were designed to measure every behavior

change between the two groups

1. "How many public speeches have you made

in the last six months?"

2. "How many of them on a military subject?"

The importance of these two items was that of

illustrated by examining them in Table 1. Both the number

of military speeches and the ratio of military to total

speeches from both the two groups from the list of items

were (Table 1). The military speech percentage of total

public speeches dropped from 41 per cent to 37 per cent for

1954 and from 41 per cent to 37 per cent for 1955.

control group. It should be pointed out that the 1954

group, by participating in the 1954, would be expected to

have lower total speeches than they were following 1954

from their experience with the 1954.

These behavior measures are not very satisfactory,

because the initial difference between the two groups

(13.97 for 1954, 34 for 1955) is not great by social

and psychological significance of change. The measure, from

total, is not adequate to determine whether or not

Experiment 2 is appropriate. This ratio score is related

before in conventional analysis, however.

TABLE IX
SPEECH MAKING

Item	Number of Speeches Given				
	JCOC Participants		Comparison Group		Net JCOC
	Before	After Net	Before	After Net	
Number of public speeches made in last six months	9.70	8.91 -.79	8.36	10.20 +1.84	-2.63
Number of public speeches on military subject in last six months	2.97	2.41 -.56	.96	.47 -.49	-.07

Correlational Hypotheses

Hypotheses 4-6 predicted a significant gain-score correlation between the various dependent variables for which significant gains were predicted in Hypotheses 1-3. Table X shows all the data.

Information Gain/Attitude Change.--There is a greater correlation between information gain and attitude change scores for JCOC as compared to non-JCOC (+.23 vs. -.18). This supports Hypothesis 4a, and the results are statistically significant. Since main effects were found (above) for each of these measures, this finding is an important one for this study, and corroborates the Douglas et al. results.³

Information Gain/Opinion Change.--The correlations between these scores are -.06 for JCOC and .08 for non-JCOC. This is neither significant nor supportive of Hypothesis 4b, which is not very meaningful at this point anyway, due to the failure to find significant opinion effects (above).

Attitude Change/Behavior Change.--The correlations are .02 for JCOC, and -.25 for non-JCOC. This technically does support Hypothesis 5a, to a barely significant degree.

³Douglas, et al., op. cit.

Experimental Hypotheses

Hypothesis 1-1 predicted a significant relationship between the various dependent variables for which significant points were predicted in Hypotheses 1-1. Table 1 shows all the data.

Information Processing Theory - 1-2

greater correlations between independent and dependent group scores for 1950 as compared to 1940-1950 (1-1). This suggests hypothesis 1-2, and the results are statistically significant. Since both groups were found (above) for each of these measures, this finding is an important one for this study, and corroborates the findings of all previous studies.

Information Processing Theory - 1-3

between group scores for 1950 and 1940-1950. This is another significant and significant hypothesis for which is not only significant at this point, but in the future is also significant and significant (above).

Information Processing Theory - 1-4

and 1950 and 1940-1950. This hypothesis is also significant and is a highly significant finding.

TABLE X
CORRELATION MATRIX

	JCOC	Non- JCOC	JCOC Net	z	p
Information gain/ Attitude change	.228	-.176	+.404	1.81	.04 (1-tail)
Information gain/ Opinion change	-.059	.083	-.142	<1	n.s.
Attitude change/ Behavior change	.021	-.252	+.273	1.23	.11
Opinion change/ Behavior change	-.147	-.158	+.011	<1	n.s.
Information gain/ Behavior change	.173	.186	-.013	<1	n.s.
	(N=37)	(N=49)			
Attitude change/ Opinion change (non-hypothesis)	.035	.435	-.400	1.77	.08 (2-tail)

TABLE 1
CONCENTRATION DATA

		1960		1961	
		Mean	SD	Mean	SD
Information gain/ Attitude change	(1960-1)	1.12	0.15	1.12	0.15
	(1961-2)	1.12	0.15	1.12	0.15
Information gain/ Opinion change	(1960-1)	1.12	0.15	1.12	0.15
	(1961-2)	1.12	0.15	1.12	0.15
Attitude change/ Behavior change	(1960-1)	1.12	0.15	1.12	0.15
	(1961-2)	1.12	0.15	1.12	0.15
Opinion change/ Behavior change	(1960-1)	1.12	0.15	1.12	0.15
	(1961-2)	1.12	0.15	1.12	0.15
Information gain/ Behavior change	(1960-1)	1.12	0.15	1.12	0.15
	(1961-2)	1.12	0.15	1.12	0.15
		(1960-1)		(1961-2)	
Attitude change/ Opinion change	(1960-1)	1.12	0.15	1.12	0.15
	(1961-2)	1.12	0.15	1.12	0.15

although the correlation within the JCOC group is essentially zero and the behavior measures of the two groups are not comparable (see above).

Opinion Change/Behavior Change.--Since neither of these measures could be shown as a significant main effect (above), Hypothesis 5b becomes rather meaningless. For the record, the correlations for both groups are negative, and there is no appreciable difference between them.

Information Gain/Behavior Change.--Examination of these scores similarly shows no significant difference between the two groups. There is a tendency for greater information increments to be associated with military speech-making, about equally irrespective of JCOC participation.

While there was no stated hypothesis regarding the correlation between attitude change and opinion change scores, it is perhaps noteworthy that the data (Table X) indicate a greater correlation for the non-JCOC group between these scores. The JCOC score was .04 and the non-JCOC score was .44. The resultant net of .40 for non-JCOC is statistically significant, and is reminiscent of the greater inter-item opinion correlations in the non-JCOC group, as reported above. Again, the JCOC participation is associated with a tendency to avoid stereotyped opinion responses.

although the correlation within the 1000 group is
essentially zero and the observed variance of the two
groups are not significantly different.

Partial Correlation Coefficients.—These values of
these variables could be shown as a significant value about
(above) a significance level of 0.05. For the
second, the correlation for both groups was negative, and
there is no significant difference between them.

Partial Correlation Coefficients.—Correlation of
these groups actually shows no significant difference
between the two groups. There is a tendency for greater
relationship between the two groups to be observed with slightly
speaking, these groups are significantly different in 1000 percent
portion.

While there was no actual hypothesis regarding the
correlation between the two groups and partial correlation
coefficients, it is possible to observe that the two groups
indicate a greater correlation for the two groups
between these groups. The 1000 group was .44 and the 2000
group was .44. The correlation for the two groups
is essentially significant, and is significant of the
greater interest in the correlation in the two groups
group, as reported above. Again, the 2000 correlation is
associated with a tendency to show a significant value

When one considers that the behavior measure was insufficient for this study, perhaps the most explicit finding with regard to Hypotheses 4-6 is that opinion change occurred independently of either information gain or attitude change, for those who attended the JCOC. Again, it may well be that a ceiling effect was at work regarding some specific opinion items, and that JCOC was irrelevant to others.

What one considers that the behavior means has

importance for this study, perhaps the most explicit

finding with regard to hypothesis 4-1 is that opinion

change occurred independently of other information such as

actual change. One group who received the "yes" opinion

it may well be that a selling effort was not necessary

when specific opinion items, and that now was irrelevant

to others.

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CHAPTER V

CONCLUSIONS

The data presented in this research paper do not provide a satisfactory answer to the question: Is the JCOC an effective program? The conference did stimulate an increased knowledge of military matters among the participants when compared to the non-participant group. Likewise, a favorable attitude change was indicated by the semantic differential for the JCOC group. However, in neither case do the data indicate gains substantial enough to justify the program for the purposes of either building knowledge or changing attitudes. With regard to the latter, it would appear that if the intent of the JCOC is to change attitudes, it is addressing itself to the wrong group, inasmuch as the attitudes of the participants were very favorable prior to the conference.

It is recognized that neither stimulating greater knowledge about the military nor the changing of attitudes more favorably toward it are explicitly stated objectives of the JCOC. The "official" objectives previously cited in Chapter II are quite general, even nebulous, and no attempt was made in this study to ascertain whether or not they were

accomplished. It is, in fact, hard to imagine how such a study could be conducted.

Perhaps a more relevant (though unstated) objective of the conference lies in its utility in providing candidates for membership in the Defense Orientation Conference Association (DOCA), the "alumni organization" of JCOC. As of January 15, 1971, 31 of the 37 JCOC respondents to this study had joined DOCA. That is a very impressive "behavior" index and would have been included as such in this study if a comparable measure had been available in the non-JCOC group.

Further, it must be recognized that perhaps this study did not transcend the self-selection bias recognized from the start, and therefore, never quite penetrated to the pith of reliable evaluative research with regard to the JCOC. A replication of this study, eliminating the self-selection bias, would seem to be a worthwhile undertaking. It is suggested that the Defense Department consider such an endeavor since the wherewithal for its conduct is probably not available to the individual researcher. A replication would require that a larger roster of potential JCOC participants be compiled, possibly on a matched-pairs basis, and invitations then be issued to a random sample of one-half of the names on the list. Only a procedure of this sort could provide the truly experimental data needed for a conclusive evaluation of the conference.

consequently, it is in fact, that the design has been a
study should be conducted.

Perhaps a more relevant (though somewhat subjective)
of the conference was in the ability to provide a
basis for membership in the Institute of Management Sciences
Association (IMA), the "national organization" of IMA, as
of January 15, 1971. It is the 75th anniversary to this
study and IMA body. That is a very important "celebration"
index and would have been included as such in this study if
a complete review had been available in the 1970-1971
period.

Further, it must be recognized that during this
study did not document the relationship with management
from the start, and therefore, some data presented in
the form of relative qualitative research with regard to the
body. A replication of this study, attempting to replicate
relationship with would have to be a somewhat misleading.
It is suggested that the Institute of Management Sciences
in relation to the relationship for the study is
probably not available in the individual members. A
replication would require that a larger number of personnel
and personnel be included, possibly on a second-phase
basis, and involving them in the study as a whole sample of
one-half of the members on the list. Only a procedure of
this sort could provide the truly experimental data needed
for a quantitative evaluation of the conference.

Meanwhile, in the absence of conclusive evidence, what can be said of JCOC as a military public relations effort? It is beyond the scope of this study to attempt any kind of cost-benefits analysis, but we can assess the benefits. The least that can be said is that they consist of slight increments of knowledge and attitudes among a few well-placed persons who are already informed and supportive of the military. The most that can be said is that the conference appears to be an effective method of building the DOCA roster, and that it does have demonstrable influences on the thinking of the participants. It would be presumptuous to assert here that these effects are, or are not, worth the cost of JCOC in terms of expenditure of funds, manpower, and political criticism. That is a policy decision that can, hopefully, be aided by the assessment of JCOC's effects that have been made here.

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APPENDIXES

the present day is a very different thing from the old days. The old days were a time of peace and quiet, and the people were happy and content. But now, the world is full of trouble and sorrow, and the people are sad and distressed.

It is a very different world from the one that we lived in. The old world was a world of simplicity and honesty, but the new world is a world of complexity and deceit. The old world was a world of freedom and justice, but the new world is a world of oppression and injustice.

The old world was a world of hope and faith, but the new world is a world of despair and doubt. The old world was a world of love and kindness, but the new world is a world of hatred and cruelty.

CONCLUSION

The old world was a world of peace and quiet, and the people were happy and content. But now, the world is full of trouble and sorrow, and the people are sad and distressed. The old world was a world of simplicity and honesty, but the new world is a world of complexity and deceit.

The old world was a world of freedom and justice, but the new world is a world of oppression and injustice. The old world was a world of hope and faith, but the new world is a world of despair and doubt.

The old world was a world of love and kindness, but the new world is a world of hatred and cruelty. The old world was a world of peace and quiet, and the people were happy and content. But now, the world is full of trouble and sorrow, and the people are sad and distressed.

The old world was a world of simplicity and honesty, but the new world is a world of complexity and deceit. The old world was a world of freedom and justice, but the new world is a world of oppression and injustice.

The old world was a world of hope and faith, but the new world is a world of despair and doubt. The old world was a world of love and kindness, but the new world is a world of hatred and cruelty.

The old world was a world of peace and quiet, and the people were happy and content. But now, the world is full of trouble and sorrow, and the people are sad and distressed. The old world was a world of simplicity and honesty, but the new world is a world of complexity and deceit.

The old world was a world of freedom and justice, but the new world is a world of oppression and injustice. The old world was a world of hope and faith, but the new world is a world of despair and doubt.

The old world was a world of love and kindness, but the new world is a world of hatred and cruelty. The old world was a world of peace and quiet, and the people were happy and content. But now, the world is full of trouble and sorrow, and the people are sad and distressed.

The old world was a world of simplicity and honesty, but the new world is a world of complexity and deceit. The old world was a world of freedom and justice, but the new world is a world of oppression and injustice.

APPENDIX A

QUESTIONNAIRE #1

COMMUNITY LEADER SURVEY

Note: This is an anonymous questionnaire. The answers are only to be used in a statistical analysis. Nothing will be connected with your name. Returned questionnaires will be destroyed after analysis. There is a space for your comments at the end of the questionnaire. The success of this study depends upon complete responses from everyone.

1. In general, how would you describe the attitude of the people in your community toward the U. S. Armed Forces?

☐ Very favorable ☐ Moderately favorable ☐ No opinion
☐ Moderately unfavorable ☐ Very unfavorable

2. What is your personal attitude toward the U. S. Armed Forces?

☐ Very favorable ☐ Moderately favorable ☐ No opinion
☐ Moderately unfavorable ☐ Very unfavorable

3. Is there a U. S. military installation located in your community?

☐ No ☐ Yes (please name installation): _____

4. How do you get most of your information about the U. S. military? (Indicate the three most important sources by marking "1," "2," and "3.")

☐ Daily Newspapers ☐ Television
☐ News magazines ☐ Books
☐ Other magazines ☐ Public speeches
☐ Radio ☐ Other (please specify): _____

APPENDIX A
QUESTIONNAIRE #1

COMMUNITY LEADERS SURVEY

Note: This is an anonymous questionnaire. The answers are only to be used in a statistical analysis. Nothing will be connected with your name. Selected questionnaires will be destroyed after analysis. There is a space for your comments at the end of the questionnaire. The success of this study depends upon complete responses from everyone.

1. In general, how would you describe the attitude of the people in your community toward the U. S. Armed Forces?

Very favorable	_____	Very unfavorable	_____
Favorable	_____	Unfavorable	_____
Indifferent	_____	Indifferent	_____

2. What is your personal attitude toward the U. S. Armed Forces?

Very favorable	_____	Very unfavorable	_____
Favorable	_____	Unfavorable	_____
Indifferent	_____	Indifferent	_____

3. Do there is a U. S. military installation located in your community?

Yes (Please name installation) _____

4. How do you feel about your relationship with the U. S. military? (Indicate the three most important reasons by marking "1," "2," and "3.")

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

5. Please rate on a one-to-seven scale how sufficiently informed you feel you are about U. S. military activities. One is "not at all informed," while seven is "very well informed."

Not at all
informed

Very well
informed

1 2 3 4 5 6 7

6. Have you served in any of the U. S. Armed Services?

☐ No ☐ Yes

If yes, Branch of Service: _____; From _____ To _____

7. Do you currently have any official affiliation with any of the military services? ☐ No ☐ Yes (specify affiliation): _____

8. If your son, or another young man close to you, asked your advice on which service to join, which one would you most likely recommend?

☐ Army ☐ Navy ☐ Air Force ☐ Marine Corps

☐ None

9. Do you feel that serving in one of the Armed Forces leads to more or to less social responsibility in later civilian life?

☐ More ☐ Less ☐ Has no effect

10. Why do you feel this way? _____

11. Which one of the Armed Forces do you think has the most troops in Vietnam? ☐ Army ☐ Navy ☐ Air Force
☐ Marine Corps

12. About what percentage of the nation's budget is presently being allocated to defense spending?

☐ 20% ☐ 40% ☐ 60% ☐ 80%

13. About how many American troops are presently in Vietnam?

☐ 25,000 ☐ 450,000 ☐ 650,000 ☐ 850,000

1. Please note on a one-to-one basis how well you
 understand you feel you are about it. (Please note
 that the "not at all informed" and "very well informed"

Very well informed _____
 Not at all informed _____
 1 2 3 4 5

2. When you heard in any of the U. S. Armed Services

_____ Yes _____ No

3. If yes, please indicate how well you

4. Do you currently have any direct relationship with any
 of the military services? _____ Yes _____ No (Specify)

5. If you are, or would be, in direct contact with any
 person who is in direct contact with any of the military services
 you are likely to know

_____ Yes _____ No _____ Other

_____ Other

6. Do you feel that service in one of the Armed Forces
 leads to more or less equal responsibility in later
 civilian life?

_____ More _____ Less _____ Other

7. Why do you feel this way?

8. Would you be the least likely to be called for service
 if you were in the Armed Forces? _____ Yes _____ No

9. How well do you understand the military's position in
 the present day situation?

_____ Very well _____ Well _____ Fair _____ Poor

10. How well do you understand the military's position in
 the present day situation?

_____ Very well _____ Well _____ Fair _____ Poor

14. Who is the present Chairman of the House Armed Services Committee?

___ Carl Albert ___ Edward Hebert ___ Wilbur Mills
___ Mendel Rivers

15. How many general officers have been killed in Vietnam?

___ None ___ One ___ Three ___ Five

16. Please rate on a one-to-seven scale the following words on how well they describe the U. S. Armed Forces, in your opinion:

a. <u>Dedicated</u>	Very dedicated	1	2	3	4	5	Not at all dedicated	6	7
b. <u>Disciplined</u>	Very well disciplined	1	2	3	4	5	Not at all well disciplined	6	7
c. <u>Disorganized</u>	Very disorganized	1	2	3	4	5	Not at all disorganized	6	7
d. <u>Efficient</u>	Very efficient	1	2	3	4	5	Not at all efficient	6	7
e. <u>Incompetent</u>	Very incompetent	1	2	3	4	5	Not at all incompetent	6	7
f. <u>Irresolute</u>	Very irresolute	1	2	3	4	5	Not at all irresolute	6	7
g. <u>Modern</u>	Very modern	1	2	3	4	5	Not at all modern	6	7
h. <u>Unprofessional</u>	Very unprofessional	1	2	3	4	5	Not at all unprofessional	6	7

17. Numerous statements have been made recently about the U. S. military by members of the mass media, Congressional leaders, and others. Please indicate your opinion on the following:

14. Who is the present holder of the above land license?

_____ held since _____

15. How many persons have been killed in Vietnam?

16. Please take on a counter-attack and following words on how well they describe the U.S. Armed Forces. Is your opinion?

a. Excellent
Very
Excellent
1 2 3 4 5
Not at all
Excellent

b. Good
Very
Good
1 2 3 4 5
Not at all
Good

c. Satisfactory
Very
Satisfactory
1 2 3 4 5
Not at all
Satisfactory

d. Fair
Very
Fair
1 2 3 4 5
Not at all
Fair

e. Poor
Very
Poor
1 2 3 4 5
Not at all
Poor

f. Very Poor
Very
Very Poor
1 2 3 4 5
Not at all
Very Poor

g. Other
Very
Other
1 2 3 4 5
Not at all
Other

h. Unacceptable
Very
Unacceptable
1 2 3 4 5
Not at all
Unacceptable

17. Below are statements that have been recently made by U.S. military by members of the news media, Congress, and others. Please indicate your opinion on the following:

a. The military budget should be drastically reduced.

___Strongly agree ___Moderately agree ___No opinion

___Moderately disagree ___Strongly disagree

b. Further development and deployment of the Anti-Ballistic Missile (ABM) is essential to the national security.

___Strongly agree ___Moderately agree ___No opinion

___Moderately disagree ___Strongly disagree

c. The military is distorting the truth by denying the presence of American combat forces in Laos.

___Strongly agree ___Moderately agree ___No opinion

___Moderately disagree ___Strongly disagree

d. America's foremost position as a world leader is dependent upon the maintenance of vigorous and viable Armed Forces.

___Strongly agree ___Moderately agree ___No opinion

___Moderately disagree ___Strongly disagree

e. The American military man in Vietnam is unsurpassed in fighting skill, determination, and courage under fire.

___Strongly agree ___Moderately agree ___No opinion

___Moderately disagree ___Strongly disagree

4. The military budget should be drastically reduced.

Strongly agree Moderately agree No opinion

Strongly disagree Moderately disagree

5. Further development and expansion of the public health service (PHS) is essential to the national economy.

Strongly agree Moderately agree No opinion

Strongly disagree Moderately disagree

6. The efficacy is increasing the drain on foreign exchange of American-owned farms in Laos.

Strongly agree Moderately agree No opinion

Strongly disagree Moderately disagree

7. America's position as a world leader is dependent upon the effectiveness of vigorous and active foreign policy.

Strongly agree Moderately agree No opinion

Strongly disagree Moderately disagree

8. The American military aid to Vietnam is unnecessary in light of the political, economic, and social situation.

Strongly agree Moderately agree No opinion

Strongly disagree Moderately disagree

- f. The American military services have a vested interest in continuing the Vietnam War.

☐ Strongly agree ☐ Moderately agree ☐ No opinion
☐ Moderately disagree ☐ Strongly disagree

18. Listed below in alphabetical order are eight occupations. How much status do you accord to these occupations? Please indicate the one to which you accord the most status by marking the number "1" by it; mark a "2" by the one you regard second most, and so on. Rank each of the occupations, so that you will mark an "8" by the one you regard the least.

☐ Bookkeeper ☐ Minister/priest
☐ Farmer ☐ Physician
☐ Military enlisted man ☐ Public school teacher
☐ Military officer ☐ Radio/TV announcer

19. What three living Americans do you most admire?

a. _____ b. _____ c. _____

20. Listed below are various civic and political activities. Please check those in which you have participated at any time during the last six months.

☐ Worker in a civic activity (e.g., Community Chest, Red Cross, P.T.A., civic club, scouting, etc.).
☐ Active in community cultural activity (e.g., art, concerts, theater).
☐ Active in church work or church-connected group.
☐ Candidate for political office.
☐ Contributed money to a political party or candidate.
☐ Active in other civic or political activity (please specify):

4. The following military activities have been reported:
 (a) in connection with the Vietnam War.

_____ (b) _____
 _____ (c) _____

_____ (d) _____
 _____ (e) _____

18. Listed below is information which has been received from the following sources:
 (a) The following information was received from the following sources:
 (b) The following information was received from the following sources:
 (c) The following information was received from the following sources:
 (d) The following information was received from the following sources:
 (e) The following information was received from the following sources:

_____ (f) _____

_____ (g) _____

_____ (h) _____

_____ (i) _____

19. What have living conditions in your country been like?

_____ (j) _____

20. Listed below are various items and political activities which have been reported to the following sources:
 (a) The following information was received from the following sources:
 (b) The following information was received from the following sources:
 (c) The following information was received from the following sources:
 (d) The following information was received from the following sources:
 (e) The following information was received from the following sources:

_____ (f) _____
 _____ (g) _____

_____ (h) _____
 _____ (i) _____

_____ (j) _____

_____ (k) _____

_____ (l) _____

_____ (m) _____
 _____ (n) _____

21. About how many public speeches have you made in the last six months? _____

Were any of them on a military subject? ____No ____Yes
(how many): _____

22. What is your date of birth? _____

23. What is your occupation? _____

24. What was the highest grade of school or year of college that you completed?

_____School, or _____College

THANK YOU VERY MUCH. PLEASE RETURN THE COMPLETED QUESTIONNAIRE IN THE ENCLOSED ENVELOPE.

The following space is provided for any comments you wish to make about the U. S. Armed Forces, this survey, etc. Use the back of the page for your comments if needed.

21. Have you ever been employed by the U.S. Government? _____

22. Have you ever been employed by the U.S. Government? _____

23. Have you ever been employed by the U.S. Government? _____

24. Have you ever been employed by the U.S. Government? _____

25. Have you ever been employed by the U.S. Government? _____

26. Have you ever been employed by the U.S. Government? _____

27. Have you ever been employed by the U.S. Government? _____

28. Have you ever been employed by the U.S. Government? _____

29. Have you ever been employed by the U.S. Government? _____

30. Have you ever been employed by the U.S. Government? _____

APPENDIX B

LETTER ACCOMPANYING QUESTIONNAIRE #1

LCDR Dale K. Patterson
806 Schumann Street
Sun Prairie, Wis. 53590
April 6, 1970

Dear Sir:

Enclosed with this letter you will find a questionnaire which requests your opinion regarding various aspects of the U. S. Armed Forces and related matters. Your name was selected because of your position of leadership in your community.

I am a Navy officer currently working toward a master's degree in journalism. The enclosed questionnaire is part of a research project I am conducting at the University of Wisconsin. This study will help me meet the academic requirements for an advanced degree, and ultimately I am hopeful that it will assist the U. S. Armed Forces in improving their community relations programs. However, this study is in no way officially connected with any agency of the Department of Defense.

Although I realize that you are extremely busy, I would be most grateful if you would take a few minutes to complete the questionnaire. The success of my study depends on your cooperation.

Your assistance in completing the questionnaire and returning it in the envelope provided by April 20 would be greatly appreciated.

Sincerely,

Dale K. Patterson
LCDR, USN

MEMORANDUM

FACTS CONCERNING QUESTIONNAIRE

Dear Sirs:
The following facts are being furnished to you for your information.
The facts are being furnished to you for your information.
The facts are being furnished to you for your information.

Enclosed with this letter you will find a questionnaire which requests your opinion regarding various aspects of the U. S. Armed Forces and related matters. Your name was selected because of your position as leader in your community.

I am a busy officer constantly working toward a better's future for our nation. The national questionnaire is part of a research project I am conducting at the University of Wisconsin. This study will help us learn the national requirements and the national future, and I am sure that it will help the U. S. Armed Forces in improving their community relations program. However, this study is in no way officially connected with any agency of the Department of Defense.

Although I realize that you are extremely busy, I would be most grateful if you would take a few minutes to complete the questionnaire. The results of my study depend on your cooperation.

Your assistance in completing the questionnaire and returning it in the envelope provided by April 15 would be greatly appreciated.

Sincerely,

John E. Patterson
April 15, 1960

APPENDIX C

POSTCARD FOLLOW-UP TO QUESTIONNAIRE #1

April 9, 1970

Dear Sir:

A day or two ago you should have received a questionnaire, "Community Leader Survey," in the mail from me. If you have not already done so, would you please complete it and return it to me as soon as possible?

The success of my study is totally dependent upon your cooperation. Thank you very much.

Sincerely,

Dale K. Patterson
LCDR, USN

ANNOUNCEMENT

POSTAL POLICE TO COMMISSIONER

April 4, 1970

Dear Sir:

A day or two ago you should have received a questionnaire, "Communism: What's New?" in the mail from me. If you have not already done so, would you please complete it and return it to me as soon as possible?

The success of my study is totally dependent upon your cooperation. Thank you very much.

Sincerely,

John F. Kennedy
JFK, USA

APPENDIX D

QUESTIONNAIRE #2

COMMUNITY LEADER SURVEY

Note: This is an anonymous questionnaire. The answers are only to be used in a statistical analysis. Nothing will be connected with your name. Returned questionnaires will be destroyed after analysis. There is a space for your comments at the end of the questionnaire. The success of this study depends upon complete responses from everyone.

1. In general, how would you describe the attitude of the people in your community toward the U. S. Armed Forces?

☐ Very favorable ☐ Moderately favorable ☐ No opinion
☐ Moderately unfavorable ☐ Very unfavorable

2. What is your personal attitude toward the U. S. Armed Forces?

☐ Very favorable ☐ Moderately favorable ☐ No opinion
☐ Moderately unfavorable ☐ Very unfavorable

3. Is there a U. S. military installation located in your community?

☐ No ☐ Yes (please name installation): _____

4. How do you get most of your information about the U. S. military? (Indicate the three most important sources by marking "1," "2," and "3").

<input type="checkbox"/> Daily newspapers	<input type="checkbox"/> Television
<input type="checkbox"/> News magazines	<input type="checkbox"/> Books
<input type="checkbox"/> Other magazines	<input type="checkbox"/> Public speeches
<input type="checkbox"/> Radio	<input type="checkbox"/> Other (please specify): _____

APPENDIX B

QUESTIONNAIRE

GENERAL INFORMATION

Before this is an anonymous questionnaire. The answers you
 give to be used in a statistical analysis. Nothing will be
 connected with your name. Returned questionnaires will be
 destroyed after analysis. There is a space for your
 comments at the end of the questionnaire. The success of
 this study depends upon completed responses from everyone.

1. In general, how would you describe the attitude of the
 people in your community toward the U. S. Armed Forces?

Very favorable _____
 Favorable _____
 Indifferent _____
 Unfavorable _____
 Very unfavorable _____

2. What is your personal attitude toward the U. S. Armed
 Forces?

Very favorable _____
 Favorable _____
 Indifferent _____
 Unfavorable _____
 Very unfavorable _____

3. Is there a U. S. military installation located in your
 community?

Yes _____ No _____

4. How do you get most of your information about the U. S.
 military? (Indicate the three most important sources by
 marking "1," "2," and "3.")

1. _____ 2. _____ 3. _____
 4. _____ 5. _____ 6. _____
 7. _____ 8. _____ 9. _____
 10. _____ 11. _____ 12. _____

5. Please rate on a one-to-seven scale how sufficiently informed you feel you are about U. S. military activities. One is "not at all informed," while seven is "very well informed."

Not at all
informed

1

2

3

4

5

6

7

Very well
informed

6. Have you served in any of the U. S. Armed Services?

☐ No ☐ Yes

If yes, Branch of Service: _____; From _____ To _____

7. Do you currently have any official affiliation with any of the military services? ☐ No ☐ Yes (specify affiliation): _____

8. If your son, or another young man close to you, asked your advice on which service to join, which one would you most likely recommend?

☐ Army ☐ Navy ☐ Air Force ☐ Marine Corps

☐ None

9. Do you feel that serving in one of the Armed Forces leads to more or to less social responsibility in later civilian life?

☐ More ☐ Less ☐ Has no effect

10. Why do you feel this way? _____

11. Who is the Commander of the American military forces in Vietnam?

☐ Gen. Abrams ☐ Gen. Goodpaster ☐ Gen. Walt

☐ Gen. Westmoreland

12. What is the approximate dollar figure of the present U. S. Defense Department's budget?

☐ \$45 billion ☐ \$60 billion ☐ \$75 billion

☐ \$90 billion

5. Please rate on a one-to-seven scale how well you
 informed you feel you are about U. S. military service.
 1. Not at all informed. 7. Very well informed.

Very well informed 7 6 5 4 3 2 1
 Not at all informed

6. Have you served in any of the U. S. Armed Services?

Yes _____ No _____

7. If you, through military service, have any special skills or training, please list them below:

8. Do you currently have any military training or experience?
 Yes _____ No _____

9. If you were, or would you like to be, in the military, what service would you most likely choose?
 Army _____ Navy _____ Air Force _____ Marine Corps _____

10. Do you feel that serving in one of the Armed Services is worth the cost or to have special responsibility in your civilian life?

Yes _____ No _____

11. Why do you feel this way?

12. What is the composition of the American military forces in Vietnam?

Army _____ Navy _____ Air Force _____ Marine Corps _____

13. What is the approximate dollar value of the present U. S. defense program's budget?

_____ \$100 billion _____ \$200 billion _____ \$300 billion _____

_____ \$400 billion _____

13. Approximately how many U. S. military personnel have been killed in the war in Vietnam?

___23,000 ___28,000 ___36,000 ___43,000

14. Who is the Chairman of the Senate Armed Services Committee?

___Henry Jackson ___Mike Mansfield

___Richard Russell ___John Stennis

15. What is the approximate combined total strength of the U. S. Armed Forces?

___2.4 million ___2.6 million ___2.8 million

___3 million

16. Please rate on a one-to-seven scale the following words on how well they describe the U. S. Armed Forces, in your opinion:

a. <u>Competent</u>	Very competent	1	2	3	4	5	Not at all competent	6	7
b. <u>Indifferent</u>	Very indifferent	1	2	3	4	5	Not at all indifferent	6	7
c. <u>Inefficient</u>	Very inefficient	1	2	3	4	5	Not at all inefficient	6	7
d. <u>Old-fashioned</u>	Very old-fashioned	1	2	3	4	5	Not at all old-fashioned	6	7
e. <u>Organized</u>	Very well organized	1	2	3	4	5	Not at all well organized	6	7
f. <u>Professional</u>	Very professional	1	2	3	4	5	Not at all professional	6	7
g. <u>Resolute</u>	Very resolute	1	2	3	4	5	Not at all resolute	6	7

13. Approximately how many U. S. military personnel have been killed in the war in Vietnam?

21,000 28,000 34,000 41,000

14. Who is the President of the United States?

John F. Kennedy Lyndon B. Johnson

Richard Nixon Hubert H. Humphrey

15. What is the approximate combined gross revenue of the U. S. record industry?

2.4 million 3.6 million 4.8 million

5 million

16. Please rank on a four-point scale the following words as you well they describe the U. S. record industry. In your opinion:

Very Independent Very Conservative Not at all Independent Not at all Conservative

Very Independent Very Conservative Not at all Independent Not at all Conservative

Very Independent Very Conservative Not at all Independent Not at all Conservative

Very Independent Very Conservative Not at all Independent Not at all Conservative

Very Independent Very Conservative Not at all Independent Not at all Conservative

Very Independent Very Conservative Not at all Independent Not at all Conservative

Very Independent Very Conservative Not at all Independent Not at all Conservative

		Vary				Not at all		
h. <u>Undisciplined</u>		undisciplined				undisciplined		
		1	2	3	4	5	6	7

17. Numerous statements have been made recently about the U. S. military by members of the mass media, Congressional leaders, and others. Please indicate your opinion on the following:

a. The military budget should be drastically reduced.

<u>Strongly</u> agree	<u>Moderately</u> agree	<u>No</u> opinion
--------------------------	----------------------------	----------------------

<u>Moderately</u> disagree	<u>Strongly</u> disagree
-------------------------------	-----------------------------

- b. Further development and deployment of the Anti-Ballistic Missile (ABM) is essential to the national security.

<u>Strongly</u> agree	<u>Moderately</u> agree	<u>No</u> opinion
--------------------------	----------------------------	----------------------

<u>Moderately</u> disagree	<u>Strongly</u> disagree
-------------------------------	-----------------------------

- c. The military is distorting the truth by claiming that American air support for Cambodian military operations is mainly to reduce American casualties in Vietnam.

<u>Strongly</u> agree	<u>Moderately</u> agree	<u>No</u> opinion
--------------------------	----------------------------	----------------------

<u>Moderately</u> disagree	<u>Strongly</u> disagree
-------------------------------	-----------------------------

- d. America's foremost position as a world leader is dependent upon the maintenance of vigorous and viable Armed Forces.

<u>Strongly</u> agree	<u>Moderately</u> agree	<u>No</u> opinion
--------------------------	----------------------------	----------------------

<u>Moderately</u> disagree	<u>Strongly</u> disagree
-------------------------------	-----------------------------

Very
 2. Unfavorable
 1 2 3 4 5
 Not at all
 unfavorable

17. Numerous Americans have been held recently about the
 U. S. ability by means of the new media program
 global interests, and others. Please indicate your
 opinion on the following:

a. The ability to get things done in a timely fashion.

Strongly _____
 agree _____
 opinion _____
 Strongly _____
 disagree _____

b. Further development and deployment of the anti-
 ballistic missile (ABM) is essential to the national
 security.

Strongly _____
 agree _____
 opinion _____
 Strongly _____
 disagree _____

c. The ability to monitor the level of violence
 that American air support for Communist military
 operations is likely to reduce further operations
 in Vietnam.

Strongly _____
 agree _____
 opinion _____
 Strongly _____
 disagree _____

d. America's foremost position as a world leader is
 dependent upon the maintenance of Vietnam and
 other Asian forces.

Strongly _____
 agree _____
 opinion _____
 Strongly _____
 disagree _____

- e. The American military man in Vietnam is unsurpassed in fighting skill, determination, and courage under fire.

☐ Strongly agree ☐ Moderately agree ☐ No opinion

☐ Moderately disagree ☐ Strongly disagree

- f. The American military services have a vested interest in continuing the Vietnam War.

☐ Strongly agree ☐ Moderately agree ☐ No opinion

☐ Moderately disagree ☐ Strongly disagree

18. Listed below in alphabetical order are eight occupations. How much status do you accord to these occupations? Please indicate the one to which you accord the most status by marking the number "1" by it; mark a "2" by the one you regard second most, and so on. Please rank each of the occupations, so that you will mark an "8" by the one you regard the least:

☐ Farm owner

☐ Minister/priest

☐ Insurance agent

☐ Newspaper reporter

☐ Military enlisted man

☐ Scientist

☐ Military officer

☐ Social worker

19. What three living Americans do you most admire?

A. _____ B. _____ C. _____

20. Listed below are various civic and political activities. Please check those in which you have participated at any time during the last six months.

☐ Worker in a civic activity (e.g., Community Chest, Red Cross, P.T.A., civic club, Chamber of Commerce, scouting, etc.).

☐ Active in community cultural activity (e.g., art, concerts, theater).

☐ Active in church work or church-connected group.

1. The American military and its Vietnam is distinguished
in fighting with determination and courage under
fire.

Strongly _____
Slightly _____
Disagree _____

Strongly _____
Slightly _____
Disagree _____

2. The American military services have a vested
interest in continuing the Vietnam war.

Strongly _____
Slightly _____
Disagree _____

Strongly _____
Slightly _____
Disagree _____

3. Listed below in alphabetical order are eight groups.
Please rank them in order of your interest in their work.
Please indicate the one to which you would like
most to belong by marking the number "1" by its rank a "2"
by the one you would second most, and so on. Please
rank each of the organizations, so that you will rank in
"3" of the one you regard the least.

_____ American people

_____ American youth

_____ American women

_____ American workers

19. What other ideas, suggestions do you have about?

20. Listed below are various youth and political activities.
Please check those in which you have participated at
any time during the last six years.

_____ Worker in a radio service (e.g., Community Center,
Red Cross, P.Y.C., etc.)
_____ Student (e.g.,

_____ Active in community cultural service (e.g., art,
concert, theater)

_____ Active in service work or community group.

____Candidate for political office.

____Contributed money to a political party or candidate.

____Active in other civic or political activity
(Please specify):

21. About how many public speeches have you made in the last six months? _____

How many of them were on a military subject? _____

22. What is your date of birth? _____

23. What is your occupation? _____

Your father's occupation? _____

24. What was the highest grade of school or year of college that you completed?

____School, or ____College

25. During the past six months, what events, incidents or experiences have influenced you to respond to this questionnaire in the manner in which you have?

THANK YOU VERY MUCH. PLEASE RETURN THE COMPLETED QUESTIONNAIRE IN THE ENCLOSED ENVELOPE.

The following space is provided for any comments you wish to make about the U. S. Armed Forces, this survey, etc. Use the back of the page for your comments if desired.

_____ (continued from political office)

_____ Considered money as a political party or campaign

_____ (other in other type of political activity)

(Please specify)

21. About how many public agencies have you been in the last six months? _____

_____ How many of them were on a military subject _____

22. What is your date of birth? _____

23. Were in your occupation _____

_____ Your father's occupation _____

24. What was the highest grade of school or year of college that you completed? _____

_____ School, or _____ College

25. During the past six months, what events, incidents or experiences have influenced you to respond to this questionnaire in the manner in which you have? _____

THANK YOU VERY MUCH. PLEASE RETURN THE COMPLETED QUESTIONNAIRE IN THE ENCLOSED ENVELOPE.

The following notes are provided for any comments you wish to make about the U. S. Armed Forces, this survey, etc. The limit of the space for your comments is 25 lines.

APPENDIX E

LETTER ACCOMPANYING QUESTIONNAIRE #2

LCDR Dale K. Patterson
806 Schumann Street
Sun Prairie, Wis.
53590
October 6, 1970

Dear Sir:

You were extremely kind in assisting me last April by completing and returning a questionnaire which reflected your opinion regarding various aspects of the U. S. Armed Forces. You will recall that I am a naval officer working toward a master's degree at the University of Wisconsin.

As a result of your cooperation I have been able to compile an excellent set of data on the attitudes of community leaders such as yourself toward the military. However, in order to complete my study, I must ask your cooperation once again by completing the enclosed questionnaire. It is quite similar to the one you returned to me six months ago.

Your help in completing the questionnaire and returning it in the envelope provided at your earliest opportunity would be greatly appreciated.

Sincerely,

Dale K. Patterson
LCDR, USN

UNITED STATES GOVERNMENT

John H. Patterson
2000 Broadway Street
New York, N.Y.
10023
October 21, 1970

Dear Sir:

You were extremely kind in sending me last April a copy of the report on the investigation of the activities of the American Friends Service Committee (AFSC) in the United States. I am most grateful to you for this information.

In a letter of your organization I have been able to obtain an excellent copy of the report on the activities of the AFSC in the United States. I am most grateful to you for this information. I am most grateful to you for this information.

Your help in conducting the investigation has been most appreciated. It is most appreciated. It is most appreciated.

Sincerely,

John H. Patterson
2000 Broadway Street
New York, N.Y.

APPENDIX F

POSTCARD FOLLOW-UP TO QUESTIONNAIRE #2

October 13, 1970

Dear Sir:

A few days ago you should have received a questionnaire, "Community Leader Survey," in the mail from me. If you have not already done so, would you please complete it and return it to me as soon as possible?

The success of my study is totally dependent upon your cooperation. Thank you very much.

Sincerely,

Dale K. Patterson
LCDR, USN

Thesis

P2652 Patterson

138081

Attitudinal effects of
a military orientation
conference on community
leaders.

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23432

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Thesis

P2652 Patterson

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Attitudinal effects of
a military orientation
conference on community
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